



DEPARTMENT OF THE ARMY
UNITED STATES ARMY INTELLIGENCE AND SECURITY COMMAND
FREEDOM OF INFORMATION/PRIVACY OFFICE
FORT GEORGE G. MEADE, MARYLAND 20755-5995

Freedom of Information/
Privacy Office

17 NOV 2016

Mr. John Greenewald, Jr.
[REDACTED]

Dear Mr. Greenewald:

This responds to your Freedom of Information Act (FOIA) request of December 16, 2015, to the Federal Bureau of Investigation (FBI), for all FBI files pertaining to FBI #80-HQ-612. On October 19, 2016, the FBI forwarded your request along with FBI records containing Army-originated information, retrieved from their files, to the Department of the Army, Freedom of Information and Privacy Act Division, (DA, FOIA/PA DIV) for a releasability determination. On October 24, 2016, the DA, FOIA/PA DIV forwarded your request and the records to this office. This correspondence was received in this office on November 7, 2016.

We have completed a mandatory declassification review in accordance with Executive Order (EO) 13526. As a result of our review information has been withheld as it is currently and properly classified CONFIDENTIAL according to Sections 1.2(a)(3) and 1.4(c) of EO 13526. This information is exempt from the public disclosure provisions of the FOIA pursuant to Title 5 U.S. Code 552 (b)(1). A brief explanation of the applicable follows:

Section 1.2(a)(3) of EO 13526, provides that information shall be classified CONFIDENTIAL if its unauthorized disclosure reasonably could be expected to cause damage to the national security.

Section 1.4(c) of EO 13526 provides that information pertaining to intelligence activities, intelligence sources or methods, and cryptologic information shall be considered for classification protection.

Information has been sanitized according to Title 5 U.S. Code 552 (b)(3) the statute invoked is 50 U.S.C. § 3024(i), which allows for the protection of intelligence sources and methods.

Information has been sanitized that would result in an unwarranted invasion of the privacy rights of the individuals concerned. This information is exempt from public disclosure provisions of the FOIA pursuant to Title 5 U.S. Code 552 (b)(6).

The withholding of the information described above is a partial denial of your request. This denial is made on behalf of Major General Christopher S. Ballard, Commanding, U.S. Army Intelligence and Security Command, who is the Initial Denial Authority for Army intelligence investigative and security records under the Freedom of Information Act and may be appealed to the Secretary of the Army. If you decide to appeal at this time, your appeal must be post marked no later than 90 calendar days from the date of our letter. After the 90-day period, the case may be considered closed; however, such closure does not preclude you from filing litigation in the courts. You should state the basis for your disagreement with the response and you should provide justification for reconsideration of the denial. An appeal may not serve as a request for additional or new information. An appeal may only address information denied in this response. Your appeal is to be made to this office to the listed address for forwarding, as appropriate, to the Secretary of the Army, Office of the General Counsel.

We have been informed by the Federal Bureau of Investigation (FBI) that their information is exempt from public disclosure pursuant to Title 5 U.S. Code 552 (b)(3) and (b)(7)(E) of the FOIA.

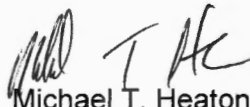
The withholding of the information by the FBI constitutes a partial denial of your request and you have the right to appeal this decision. If you decide to file an appeal, it should be forwarded to the following: Co-Director, Office of Information and Privacy, U.S. Department of Justice, 1425 New York Ave., NW, Suite 11050, Washington, DC 20530-0001 within 60 days from the date of this letter. The envelope and the letter should be clearly marked: "Freedom of Information Appeal" or "Information Appeal." Please cite FBI FOI/PA #1144388-001 assigned to your request so that it may be easily identified.

We are forwarding a copy of this letter to the FBI (FOIA/PA #1341703-000).

There are no assessable FOIA fees for processing this request.

If you have any questions regarding this action, feel free to contact this office at 1-866-548-5651, or email the INSCOM FOIA office at: usarmy.meade.902-mi-grp.mbx.inscom-foia-service-center@mail.mil and refer to case #0125F-17. Please note that you now have the ability to check the status of your request online via the U.S. Army Records Management and Declassification Agency (RMDA) website: <https://www.foia.army.mil/FACTS/CaseStatus.aspx>. Please refer to FOIA Control Number: FA-17-003175. You may also seek dispute resolution services by contacting the INSCOM FOIA Public Liaison, Mrs. Joanne Benear at 301-677-7856.

Sincerely,



Michael T. Heaton
Director
Freedom of Information/Privacy Office
Investigative Records Repository

Enclosure

**ANNOUNCEMENT OF
ARMY EXTENSION COURSES, 1939-40**

Section XIV.—EXTENSION COURSE OF THE MILITARY INTELLIGENCE DIVISION, GENERAL STAFF

The following subcourses are designed to give progressive, theoretical, in-active-duty training to personnel of the Military Intelligence Reserve, to prepare such personnel to perform efficiently their duties immediately incident to mobilization, and to provide a foundation for active-duty training. They are also designed to afford a means of preparation for appointment and promotion in the Officers' Reserve Corps.

Note.—In general, the 10 series subcourses cover subjects in which qualification is required for appointment in grade of second lieutenant; the 20, 30, 40, 50, and 60 series subcourses cover subjects in which qualification is required for promotion to first lieutenant, captain, major, lieutenant colonel, and colonel, respectively. However, the appropriate 140 series Army Regulations should be consulted for subjects applicable to the various grades and assignments.

Subcourse 10-1 (Common Subcourse No. 17).—Organization of the Army (1937-38).

General information about the composition of the Army of the United States and its territorial organization in peace and war; the general features of division, corps, and field army organization; a general picture of the military system of command and staff. Four lessons and an examination. 7 hours.

The equivalent of 1935-36 Subcourse 10-1.

Text: 627.

Subcourse 10-2.—Military Organization (1935-37).

General information concerning the organization of the War Department and the Army, and the place of military intelligence therein. A general picture of the entire field of military intelligence. Three lessons and an examination. 9 hours.

The equivalent of 1935-36 Subcourse 20-1.

Text: 462.

Subcourse 10-3 (Common Subcourse No. 1).—Administration (1933-34).

Company administration to include: Military correspondence; penalty envelopes and labels; use of the mails; and daily company reports. Four lessons (see note). 8 hours.

The equivalent of 1931-32 Subcourse 10-3.

Text: 401.

Note.—Lesson 1 and the solutions thereto have been withdrawn from this subcourse, due to the fact that the instruction contained therein is inconsistent with present methods of mobilization, and that all necessary information on this subject is included in the common subcourse "Mobilization," and Special Text No. 325, 1938 Edition, on which the subcourse is based.

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Subcourse 10-4 (Common Subcourse No. 14).—Military Law—The Law of Military Offenses (1938-39).

The elementary principles of criminal law with particular reference to the crimes and offenses denounced by the punitive Articles of War. Seven lessons and an examination. 15 hours.

The equivalent of 1935-36 Subcourses 10-4.

Texts: 371 and 421.

Subcourse 10-5 (Common Subcourse No. 12).—Military Discipline, Courtesies, and Customs of the Service (1932-33).

The essentials of military discipline, courtesies, and customs of the service. Three lessons. 6 hours.

The equivalent of the 1935-36 listing of Subcourses 10-5.

Texts: 127 and 418.

Subcourse 10-6 (Common Subcourse No. 10).—Interior Guard Duty (1939-40).

The duties of officers in the conduct of an interior guard. Three lessons and an examination. 8 hours.

The equivalent of the 1935-36 listing of Subcourses 10-6.

Text: 717.

Subcourse 10-7 (Common Subcourse No. 11).—Map and Aerial Photograph Reading.

Part I—Map Reading (1939-40).

Orientation; direction; distances, vertical and horizontal; slope; visibility; conventional signs; coordinates of maps. Seven lessons and an examination. 15 hours.

The equivalent of the 1935-36 listing of Subcourses 10-7, Part I.

Texts: 715, 919, 978, 986, and 1011.

Part II—Aerial Photograph Reading (1939-40).

Elementary interpretation; orientation; scales; distances; the appearance of natural and artificial features in aerial photographs. Three lessons and an examination. 10 hours.

The equivalent of the 1935-36 listing of Subcourses 10-7, Part II.

Texts: 715, 919, and 978.

Subcourse 10-8 (Common Subcourse No. 15).—Military Sanitation and First Aid (1933-34).

Elementary sanitation with special reference to the protection and maintenance of the health and physical efficiency of personnel; and first-aid procedure. Four lessons and an examination. 10 hours.

The equivalent of the 1935-36 listing of Subcourses 10-8.

Text: 419.

Subcourse 20-1 (Common Subcourse No. 19a).—Scouting and Patrolling (1937-38).

The conduct of individual scouts and reconnoitering patrols; the functions of platoon scouts. Four lessons and an examination. 19 hours.

The equivalent of 1936-37 Subcourses 20-1.

Texts: 407, 919, 932a, and 932b.

Subcourse 20-2 (Common Subcourse No. 1a).—Administration—II.

Equivalent—First offered in 1936-37.

NOT GIVEN IN 1939-40.

Note.—Pending the publication and distribution of a revision of the subcourse "Administration—II," qualifications in the corresponding military knowledge subject will be waived.

Subcourse 40-8.—Military Maps (1938-39).

Kinds of maps required for military uses; proper scales for various maps; procurement, storage, and issue of maps, functions of G-2. Five lessons and an examination. 15 hours.

The equivalent of 1934-35 Subcourses 40-8.

Texts: 110, 481, 941, 949, and 957.

Subcourse 50-1 } Command, Staff, and Logistics—I. (This subject is covered
Subcourse 50-2 } by Subcourses 1, 2, 3, and 4 of the Command and General
Subcourse 50-3 } Staff Extension Course. See Section XVIII, Announce-
Subcourse 50-4 } ment of Army Extension Courses.)

Subcourse 60-1 } Command, Staff, and Logistics—II. (This subject is cov-
Subcourse 60-2 } ered by Subcourses 5 and 6 of the Command and General
Staff Extension Course. See Section XVIII, Announce-
ment of Army Extension Courses.)

Subcourse 40-3 (Common Subcourse No. 21).—Staff and Logistics for the Division (1934-35).

A brief study of the organization and functions of the services and special staffs in the theater of operations, and the principles and plans for supply, movement, and evacuation within the division. Eight lessons. 24 hours.

The equivalent of 1934-35 Subcourse 40-3.

Texts: 280, 268a, 269, 269a, 270, 271, 277, 762a, 763, 755, 757, 758, 760, 763, 765, 775b, 776a, 810, 811, 922a, 941, and 988.

Subcourse 40-4.—Problems in Combat Intelligence (1935-36).

The solution of combat intelligence problems; preparation of intelligence documents. Five lessons. 21 hours.

The equivalent of 1931-32 Subcourse 40-4.

Texts: 219, 476, 927, and 941.

Subcourse 40-5.—Corps Area Intelligence Activities (1935-36).

Duties and responsibilities of a corps area G-2; military intelligence activities in the zone of the interior; relations with other governmental agencies and with State authorities. Lessons 1 to 6, inclusive, and a review lesson. 21 hours.

The equivalent of 1931-32 Subcourse 40-5.

Text: 480.

Subcourse 40-6.—War Department Intelligence (1938-39).

General knowledge of War Department Intelligence explaining the necessity for the collection of world information, its evaluation, and the purpose for which it is used, including G-2 factors in war planning. Six lessons and an examination. 25 hours.

The equivalent of 1934-35 Subcourse 40-6.

Text: 474.

Subcourse 40-7 (Common Subcourse No. 2).—Advanced Military Cryptography.

Complex cipher systems; cipher mechanisms and devices, code books; enciphered code systems; the Signal Intelligence Service.

Part I—Transposition and Substitution Cipher Systems (1935-36).

The more complex cipher systems including the various types of transposition, substitution and transposition-substitution systems. Nine lessons and an examination. 23 hours.

Text: 566.

Part II—Cipher Mechanisms, Codes and the Signal Intelligence Service (1935-36).

Cipher devices and mechanisms, code books; enciphered code systems; the Signal Intelligence Service. Six lessons and an examination. 19 hours.

The equivalent of 1931-32 Subcourse 40-7.

Texts: 566, 903, and 918.

This subcourse is conducted by the Chief Signal Officer.

Satisfactory completion of Military Intelligence Subcourse 20-9, Elementary Military Cryptography, is prerequisite to the study of this subcourse.

Officers desiring enrollment in this subcourse should make special application, through channels, to the Chief Signal Officer showing thereon name, grade, organization, assignment, qualifications, and reasons for desiring enrollment therein. The headquarters or offices (to include corps area headquarters) through which applications of this nature pass will make appropriate recommendations in each case.

The necessary texts, lessons sheets, answer paper, addressed envelopes for solutions, etc., will be furnished to students by the office conducting the instruction.

Subcourse 20-3.—Command and Staff Functions (1934-35).

The principles underlying command and staff organization; the functions of the general and special staff; general staff procedure; the duties of the several divisions of the general staff. Eight lessons and an examination. 24 hours.

Equivalent.—See 1934-35 Announcement.

Texts: 753 and 922.

Subcourse 20-4 (Common Subcourse No. 20).—Signal Communication for All Arms and Services (1937-38).

Military messages; means and methods of transmission; signal orders; and signal supply. Seven lessons and an examination. 11 hours.

The equivalent of 1934-35 Subcourse 20-4.

Text: 631.

Subcourse 20-5.—Combat Intelligence (1934-35).

General knowledge of the fundamental principles of combat intelligence; organization and operation of military intelligence personnel in the division and lower tactical units. Six lessons. 24 hours.

Equivalent.—See 1934-35 Announcement.

Texts: 483, 926, 928, and 931.

Subcourse 20-6 (Common Subcourse No. 19).—Property, Emergency Procurement and Funds (1937-38).

The essentials of property accountability and responsibility; emergency services, rentals, and procurement of supplies with the accounting procedure involved; the duties and responsibilities connected with organization funds. Five lessons and an examination. 12 hours.

The equivalent of the 1936-37 listing of Subcourse 20-6.

Text: 417.

Subcourse 20-7.—The Interpretation of Aerial Photographs (1936-37).

Military information from aerial photographs; use and possibilities of aerial photographs in military reconnaissance. Lessons 1 to 11, inclusive, and a review lesson. 28 hours.

The equivalent of the 1935-36 listing of Subcourse 20-7.

Texts: 220, 482, 919, and 1004.

Subcourse 20-8 (Common Subcourse No. 7).—Defense against Chemical Warfare (1938-39).

An elementary knowledge of chemical agents that may be encountered; the effects of weather and terrain on the use of chemical agents; how the agents are projected; and the equipment, organization and tactical measures required to meet a chemical attack. Eight lessons and an examination. 19 hours.

The equivalent of the 1937-38 listing of Subcourse 20-8.

Text: 710.

Subcourse 20-9 (Common Subcourse No. 13).—Military Law—Courts Martial (1935-39).

The elementary principles of the jurisdiction and procedure of courts martial and the rules of evidence applied by them. Seven lessons and an examination. 18 hours.

The equivalent of the 1937-38 listing of Subcourse 20-9.

Text: 371.

Subcourse 80-1.—Map Compilation and Map Reproduction (1936-37).
Importance of map supply; functions of the Corps of Engineers and of G-2; map compilation; map reproduction. Lessons 1 to 6, inclusive, and a review lesson. 21 hours.

The equivalent of the 1935-36 listing of Subcourses 80-2.
Texts: 479, 919, 923, 924, 928, and 1011.

Subcourse 80-2.—Military Intelligence Organization and Functions (1938-39).

The organization of the G-2 of all staffs from the War Department to the division, including corps area and camp headquarters; G-2 functions and duties in each echelon. Five lessons and an examination. 18 hours.

The equivalent of 1934-35 Subcourse 80-2.
Texts: 118a, 126, and 473.

Subcourse 30-3 (Common Subcourse No. 18).—Organization of the Infantry Division (1934-35).

The organization of the infantry division and its component units in sufficient detail to insure familiarity with the appropriate Tables of Organization. Three lessons. 6 hours.

Equivalent.—See 1934-35 Announcement.
Texts: 377, 779a, and 922a.

Subcourse 80-4.—Intelligence Documents (1938-39).

Graphic representation of enemy information; preparation and use of battle order and situation maps; intelligence records and preparation of intelligence reports and annexes. Five lessons and an examination. 30 hours.

The equivalent of 1934-35 Subcourse 80-4.
Texts: 495, 923a, 926a, 932, and 938.

Subcourse 80-5.—The Employment of Observation Aviation (1935-36).

Powers and limitations of observation aviation; use of observation aviation in the collection of information. Four lessons and an examination. 16 hours.

The equivalent of 1931-32 Subcourse 80-5.
Text: 478.

Subcourse 80-6.—The Collection, Evaluation, and Dissemination of Combat Intelligence (1936-37).

Means and methods employed in the collection of information in the field; evaluation of this information; means and methods employed in the dissemination of combat intelligence. Lessons 1 to 5, inclusive, and a review lesson. 28 hours.

The equivalent of 1934-35 Subcourse 80-6.
Texts: 475, 919, and 932.

Subcourse 30-7.—The Camp Intelligence Officer (1938-39).

Duties and responsibilities; organization of his office; sources of information; relations with Federal, State, and municipal authorities. Six lessons and an examination. 21 hours.

The equivalent of 1934-35 Subcourse 30-7.
Text: 477.

Subcourse 30-8 (Common Subcourse No. 16).—Mobilization (1938-39).

The basic principles of mobilization; information about the War Department Mobilization Plan; and a discussion of unit mobilization. Five lessons and an examination. 14 hours.

The equivalent of the 1937-38 listing of Subcourse 30-8.
Text: 626.

Subcourse 30-9 (Common Subcourse No. 5).—Elementary Military Cryptography (1935-36).

Codes and ciphers as adjuncts to military signaling; definitions; simple types of ciphers; enciphering and deciphering dispatches; simple code books; encoding and decoding; important precautions to be observed in handling codes, ciphers, and cryptographic paraphernalia. Fourteen lessons and an examination. 31 hours.

The equivalent of 1934-35 Subcourse 30-9.
Text: 595.

Subcourse 40-1 (Common Subcourse No. 4).—Combat Orders and the Solution of Problems (1934-35).

The principles employed in formulating orders; the technique of writing field and administrative orders; the mechanics of the solution of problems; the estimate of the situation. Three lessons. 24 hours.

The equivalent of 1932-33 Subcourse 40-1.
Texts: 377, 787, 775b, 776, 779a, 919, 922a, 941, 945, 948, 950, and 953.

Subcourse 40-2 (Common Subcourse No. 23).—Tactics and Technique of the Separate Arms.

The organization and tactical employment of the various arms insofar as is essential to an understanding of the powers, limitations, and role of each in combined operations.

Part I.—Tactics and Technique of Infantry (1935-36).

The organization of the various units pertaining to the infantry battalion, regiment, and brigade; a review of the number of and caliber of infantry weapons and their use in offensive and defensive combat; and the tactical employment of these infantry units, including the light tank company, in attack and defense. Lessons 1 to 10, inclusive, and a review lesson. 37 hours.

The equivalent of 1932-33 Subcourse 40-2, Part I.

Texts: 409, 411, 415, 422, 505, 775b, 778a, 919, 922a, and 941.

Part II.—Tactics and Technique of Field Artillery (1935-36).

The organization of the various units of the division artillery brigade; the number of and caliber of weapons pertaining to each unit; the principles of reconnaissance; selection and occupation of positions; the establishment of communication and liaison; the various types of ammunition and the method of ammunition supply; and the tactical employment of division artillery as a supporting arm. Lessons 1 to 5, inclusive, and a review lesson. 20 hours.

The equivalent of 1932-33 Subcourse 40-2, Part II.

Texts: 507, 775c, 779a, 919, and 941.

Part III.—Tactics and Technique of Cavalry, Aviation, Engineers, and the Combined Arms (1935-36).

The tactical organization of the cavalry division and the tactical employment of cavalry on reconnaissance, security, and counterreconnaissance; the employment of division cavalry in attack and defense; and the tactical employment of division aviation, division engineers, and an infantry brigade reinforced with artillery, tanks, engineers, and a medical detachment. Lessons 1 to 6, inclusive, and a review lesson. 26 hours.

The equivalent of 1932-33 Subcourse 40-2, Part III.

Texts: 420, 506, 751, 775b, 779a, 779b, 779c, 919, 932, and 941.

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ANNOUNCEMENT OF
ARMY EXTENSION COURSES
1939-40

THE OBJECT OF ARMY EXTENSION COURSES IS
THE MILITARY TRAINING AND EDUCATION OF
OFFICERS OF THE ARMY OF THE UNITED STATES
AND OF QUALIFIED CIVILIANS WHO MAY
VOLUNTEER FOR SUCH COURSES



Re. 8. 2. 39

UNITED STATES
GOVERNMENT PRINTING OFFICE
WASHINGTON : 1939

80-112-3111

WAR DEPARTMENT,
WASHINGTON, June 1, 1939.

The following Announcement of Army Extension Courses, 1939-40, Sections I to XVIII, inclusive, is published for the information and guidance of all concerned.

[A. O. 802.2 (2-22-39).]

By ORDER OF THE SECRETARY OF WAR:

MALIN ORAIG,
Chief of Staff.

OFFICIAL:

E. S. ADAMS,
*Major General,
The Adjutant General.*

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CONTENTS

Section I.....	General Information and List of Texts.
II.....	Extension Course of the Adjutant General's Department.
III.....	Extension Course of the Air Corps Schools.
IV.....	Extension Course of the Cavalry School.
V.....	Extension Course of the Chaplains' School.
VI.....	Extension Course of the Chemical Warfare School.
VII.....	Extension Course of the Coast Artillery School.
VIII.....	Extension Course of the Engineer School.
IX.....	Extension Course of the Field Artillery School.
X.....	Extension Course of the Finance School.
XI.....	Extension Course of the Infantry School.
XII.....	Extension Course of the Judge Advocate General's Department.
XIII.....	Extension Courses of the Medical Field Service School and the School of Aviation Medicine.
XIV.....	Extension Course of the Military Intelligence Division, General Staff.
XV.....	Extension Course of the Ordnance School.
XVI.....	Extension Course of the Quartermaster Schools.
XVII.....	Extension Course of the Signal Corps School.
XVIII.....	Extension Courses of the Command and General Staff School—Command and General Staff Course; Special Staff and Logistics Course.

NOTE.—Each of the foregoing sections is published as a separate pamphlet. In case you receive a copy of this section (Section I) only, you should make request upon your corps area commander for a copy of the section pertaining to your arm or service, or the arm or service in which you are interested.

(III)

ANNOUNCEMENT OF ARMY EXTENSION COURSES, 1939-40

Section I—GENERAL INFORMATION AND LIST OF TEXTS

1. General.—a. To insure adequate national defense, Congress has provided that the Army of the United States shall consist of: The Regular Army, the National Guard of the United States, the National Guard while in the service of the United States, the Officers' Reserve Corps, the Organized Reserves, and the Enlisted Reserve Corps. Since approximately 80 percent of the Army of the United States consists in time of war of men taken from civilian pursuits, the War Department is making every effort to provide facilities for their military training and instruction.

b. This training is provided for the National Guard by periodical drills, by summer encampments, and by extension course instruction.

c. The training and instruction of Reserve officers divides itself broadly into two general classes: First, that received when they are called to active duty; second, that received or acquired through individual interest and efforts in the intervals between periods of active service.

2. Mission of Army Extension Courses.—a. The primary mission of the Army Extension Courses is to provide—

(1) For Reserve officers an opportunity to undertake a systematic course of study covering the military knowledge qualifications essential for their arm or service, to prepare them as far as practicable for their wartime duties, and to assist them to meet the requirements for promotion;

(2) For those seeking commission in the Officers' Reserve Corps a means of meeting the military knowledge qualifications; and

(3) A basis for coordinated instruction in Reserve unit conferences and assemblies.

b. The secondary mission of the courses is—

(1) To provide individual instruction for—

(a) National Guard personnel, and

(b) Regular Army officers.

(2) To furnish assistance in preparing for the resident courses at the Army service schools.

3. Designation of courses.—The extension courses of the various arms and services, the School of Aviation Medicine, and of the Command and General Staff School are designated as follows:

Adjutant General's Department.....	Extension Course of the Adjutant General's Department.
Air Corps.....	Extension Course of the Air Corps Schools.
Cavalry.....	Extension Course of the Cavalry School.
Chaplains.....	Extension Course of the Chaplains' School.
Chemical Warfare Service.....	Extension Course of the Chemical Warfare School.
Coast Artillery Corps.....	Extension Course of the Coast Artillery School.

(1)

Corps of Engineers.....	Extension Course of the Engineer School.
Field Artillery.....	Extension Course of the Field Artillery School.
Finance Department.....	Extension Course of the Finance School.
Infantry.....	Extension Course of the Infantry School.
Judge Advocate General's Department.....	Extension Course of the Judge Advocate General's Department.
Medical Department.....	Extension Course of the Medical Field Service School.
Aviation Medicine.....	Extension Course of the School of Aviation Medicine.
Military Intelligence Division, General Staff.....	Extension Course of the Military Intelligence Division, General Staff.
Ordnance Department.....	Extension Course of the Ordnance School.
Quartermaster Corps.....	Extension Course of the Quartermaster Schools.
Signal Corps.....	Extension Course of the Signal Corps School.
Command and General Staff School.....	The Command and General Staff Extension Course.
	The Special Staff and Logistics Extension Course.

4. Scope.—a. Arm and service courses.

(1) The extension course of each arm and service consists of subcourses arranged in a logical and progressive order. In general, each subcourse covers one of the military knowledge qualifications in which one must qualify for initial appointment or for promotion to the higher grades in the respective arm or service.

(2) The subcourses of the arms and services are grouped into separately numbered series (10-1, 20-1, 30-1, etc.) according to the grade for which intended and in general, are applicable as follows:

- 10 series subcourses for appointment in grade of second lieutenant.
- 20 series subcourses for promotion to grade of first lieutenant.
- 30 series subcourses for promotion to grade of captain.
- 40 series subcourses for promotion to grade of major.
- 50 series subcourses for promotion to grade of lieutenant colonel.
- 60 series subcourses for promotion to grade of colonel.

(3) The following table lists the series of subcourses for each arm and service (x indicates the use of a series):

Arm or service	Subcourse series					
	10-	20-	30-	40-	50-	60-
Adjutant General's Department.....	x	x	x	x	x	x
Air Corps.....	x	x	x	x	x	x
Artillery.....	x	x	x	x	x	x
Chemical Warfare Service.....	x	x	x	x	x	x
Coast Artillery Corps.....	x	x	x	x	x	x
Corps of Engineers.....	x	x	x	x	x	x
Field Artillery.....	x	x	x	x	x	x
Finance Department.....	x	x	x	x	x	x
Infantry.....	x	x	x	x	x	x
Judge Advocate General's Department.....	x	x	x	x	x	x
Medical Department.....	x	x	x	x	x	x
Military Intelligence Division, General Staff.....	x	x	x	x	x	x
Ordnance Department.....	x	x	x	x	x	x
Quartermaster Corps.....	x	x	x	x	x	x
Signal Corps.....	x	x	x	x	x	x

991. U. S. G. S. Map, Connecticut, 1:62,500, Guilford.
992. U. S. G. S. Map, 1:62,500, Georgia-Alabama, Columbus Quadrangle, 1935 (B-5 cents).
- 993 to 998, inclusive. (No texts assigned to these numbers.)
999. U. S. G. S. Map, Maine, 1:62,500, Belfast.
1000. U. S. G. S. Map, Maine, 1:62,500, Castine.
1001. (No text assigned to this number.)
1002. U. S. G. S. Map, 1:500,000, States of Massachusetts, Rhode Island, and Connecticut.
1003. U. S. G. S. Map, New Hampshire, 1:62,500, Newburyport.
- 1003a. U. S. G. S. Map, New Hampshire, 1:62,500, Portsmouth.
1004. U. S. G. S. Map, Ohio, 1:62,500, Dayton.
- 1005 to 1010, inclusive. (No texts assigned to these numbers.)
1011. Standard Map Symbols, U. S. G. S., 1932.
- 1012 to 1024, inclusive. (No texts assigned to these numbers.)
1025. Mailing tube containing materials for use with Field Artillery Subcourse 20-1.
1026. Mailing tube containing materials for use with Field Artillery Subcourse 30-4.
1027. Mailing tube containing materials for use with Field Artillery Subcourse 40-4.
1028. Mailing tube containing materials for use with Field Artillery Subcourse 50-12.

Explanation of symbols

- A=Book Department, the Air Corps Tactical School, Maxwell Field, Ala.
- B=Book Department, the Cavalry School, Fort Riley, Kansas.
- C=Book Department, the Coast Artillery School, Fort Monroe, Va.
- D=Book Department, the Command and General Staff School, Fort Leavenworth, Kansas.
- E=Book Department, the Engineer School, Fort Belvoir, Va.

- F=Book Department, the Field Artillery School, Fort Sill, Okla.
- H=Book Shop, the Infantry School, Fort Benning, Ga.
- I=Book Department, the Signal Corps School, Fort Monmouth, N. J.
- J=Superintendent of Documents, Government Printing Office, Washington, D. C.
- K=Book Department, the Medical Field Service School, Carlisle Barracks, Pa.

- 928a. Special Map No. 6 (1936), Army Extension Courses (D-15 cents).
929. (No text assigned to this number.)
- 929a. Special Map No. 7 (1936), Army Extension Courses (D-15 cents).
930. Special Map No. 8 (1936), Army Extension Courses (D-15 cents).
- 930a. Special Map No. 8 (1936), Army Extension Courses (D-15 cents).
931. Special Map No. 9 (1936), Army Extension Courses (D-15 cents).
- 931a. Special Map No. 9 (1936), Army Extension Courses (D-15 cents).
932. Special Map No. 10 (1936), Army Extension Courses (D-15 cents).
- 932a. Special Map No. 10 (1936), Army Extension Courses (D-15 cents).
- 932b. Special Map No. 17, Army Extension Courses (H-10 cents).
933. Special Map 1:500,000 for Air Corps Problems (A-25 cents).
- 934 to 940, inclusive. (No texts assigned to these numbers.)
941. General Map, Gettysburg (1925), 1 inch equals 5 miles (D-10 cents).
942. (No text assigned to this number.)
- 942a. General Map, Fort Riley, Kansas, and vicinity, 1 inch equals 5 miles, 1931.
943. (No text assigned to this number.)
- Topographical Map, Gettysburg-Antietam (1935), 1:22,150, sheets, as follows (D-5 cents per sheet):*
944. Arendtsville.
945. Bonneauville.
946. Emmitsburg.
947. (No text assigned to this number.)
948. Gettysburg.
- 948a. Hanover.
949. Hunterstown.
950. Kingsdale.
951. (No text assigned to this number.)
952. New Oxford.
- 952a. (No text assigned to this number.)
953. Taneytown.
- Geological Survey Map (Gettysburg-terrain) 1:62,500, quadrangles, as follows (D-5 cents per quadrangle):*
954. Carlisle.
955. Emmitsburg.
956. (No text assigned to this number.)
957. Gettysburg.
- 958, 959, and 960. (No texts assigned to these numbers.)
961. Hanesville.
- 961a. Lancaster.
962. McCallis Ferry.
963. Middletown.
964. Mount Airy.
965. New Cumberland.
- 965a. New Holland.
- 966, 967, and 968. (No texts assigned to these numbers.)
969. Taneytown.
- 970 and 971. (No texts assigned to these numbers.)
972. York.
- 973 to 977, inclusive. (No texts assigned to these numbers.)
978. Map, Fort Belvoir and vicinity (1928-R1980) 1:20,000 (B-10 cents).
- 979 to 984, inclusive. (No texts assigned to these numbers.)
985. Tactical Map, 1:62,500, Fort Belvoir (Fort Humphreys), and vicinity, Sheet 840-N-II and IV, Parts of, Grid Zone B, 1924 (E-10 cents).
986. Map, Quantico Quadrangle (1927), 1:62,500 (E-10 cents).
- 986a. Special Military Map, Fort Riley, Kansas, 1:20,000 (1934).
- 986b. Special Military Map, Fort Riley, Kansas, 1:20,000 (1934), without contours.
987. General Map, Gettysburg-Richmond, 1 inch equals 3 miles (D-10 cents).
988. Strategic Map, Gettysburg-Richmond, 1 inch equals 4 miles, Gettysburg sheet (D-10 cents).
989. U. S. G. S. Map, Connecticut, 1:62,500, Bridgeport.
990. U. S. G. S. Map, Connecticut, 1:62,500, New Haven.

(4) The extension courses of the arms and services parallel as far as practicable the instruction given in the resident courses at the Army service schools insofar as this instruction is applicable to the wartime duties of Reserve officers and is adaptable to instruction by extension course methods.

b. *School of Aviation Medicine Course.*—The Extension Course of the School of Aviation Medicine covers theoretical instruction in subjects taught in the basic course at the School of Aviation Medicine.

c. *Command and General Staff School Courses.*

(1) The Command and General Staff Extension Course deals with the employment of the combined arms and the functions of commanders and staff officers of divisions, and is based on the instruction given at the Command and General Staff School. (See note under (2) below.)

(2) The Special Staff and Logistics Extension Course deals with the duties of the division commander and certain members of his staff with special emphasis on problems of logistics, and is based on the instruction given at the Command and General Staff School.

NOTE.—The subcourses of the Command and General Staff Extension Course and of the Special Staff and Logistics Extension Course are listed by appropriate numbers only in the appropriate sections of the Announcement of Army Extension Courses of the arms and services which require qualification in the subject matter covered by the courses.

d. The courses of the various arms and services are of approximately equal length and are so organized that completion of corresponding series of subcourses will bring officers of the different arms and services to approximately the same point in their military education.

e. Each course is divided into short instruction units or subcourses. This division into subcourses makes each course sufficiently flexible to meet the needs of the individual student.

f. Detailed descriptions of the courses offered will be found in Sections II to XVIII, inclusive.

5. *Common subcourses.*—a. Subcourses covering subjects which are common to two or more arms and services are prepared by agencies specially designated by the War Department. These subcourses are identified by title rather than by arm or service, number of series, and subcourse title and number, as is the case with specific arm or service subcourses.

b. There are 26 such subcourses for the 1939-40 school year as follows:

Common Subcourse No. 1.—*Administration.*—Used as AGD 10-3, AC 10-3, Cav 10-3, Ch 30-4, CWS 10-3, CAC 10-3, Eng 10-3, FA 10-3, Fin 10-3, Inf 10-3, JAGD 30-3, Med 10-3, MI 10-3, Ord 10-3, QM 10-3, SC 10-3.

Common Subcourse No. 2.—*Advanced Military Cryptography (2 parts).*—Used as MI 40-7, SC 10-17.

Common Subcourse No. 3a.—*Care and Operation of Motor Vehicles—General.*—Used as AC 20-15, Cav 20-11, CWS 20-11, CAC 20-10, Eng 20-3, FA 20-9, Inf 20-9, Med 20-7, QM 10-9, SC 20-7.

Common Subcourse No. 3.—*Care of Animals and Stable Management.*—Used as Cav 20-1, FA 20-8, Inf 20-10, Med 20-4, QM 20-4.

Common Subcourse No. 4.—*Combat Orders and the Solution of Problems.*—Used as AGD 30-4, AC 30-9, CWS 40-1, MI 40-1, Ord 40-2, QM 40-4, SC 30-4.

Common Subcourse No. 5.—*Commercial Law—Contracts.*—Used as AC 40-8, CWS 40-7, Eng 30-12, Fin 40-3, Ord 20-10, QM 30-5, SC 20-13.

Common Subcourse No. 6.—*Commercial Law—Property and Miscellaneous.*—Used as Fin 40-4, QM 30-6.

Common Subcourse No. 7.—*Defense Against Chemical Warfare*.—Used as AGD 20-2, AC 20-12, Cav 20-9, Ch 30-13, CWS 20-7, CAC 20-7, Eng 20-10, FA 20-10, Fin 20-6, Inf 20-12, JAGD 20-11, Med 20-6, MI 20-8, Ord 20-7, QM 20-6, SC 20-10.

Common Subcourse No. 8.—*Elementary Military Cryptography*.—Used as MI 20-9, SC 10-16.

Common Subcourse No. 9.—*Industrial Mobilization (3 parts)*.—Used as AO 40-7, CWS 40-6, Eng 20-13, Fin 40-5, Ord 20-2, QM 40-1, SC 20-7.

Common Subcourse No. 10.—*Interior Guard Duty*.—Used as AGD 10-8, AC 10-6, Cav 10-8, CWS 10-8, CAC 10-6, Eng 10-8, FA 10-8, Fin 10-8, Inf 10-8, JAGD 20-6, Med 10-8, MI 10-8, Ord 10-8, QM 10-8, SC 10-4.

Common Subcourse No. 11.—*Map and Aerial Photograph Reading (3 parts)*.—Used as AGD 10-7, AO 10-7, Cav 10-7, Ch 30-8, CWS 10-7, CAC 10-7, Eng 10-7, FA 10-7, Fin 10-7, Inf 10-7, JAGD 20-7, Med 10-7, MI 10-7, Ord 10-7, QM 10-7, SC 10-7.

Common Subcourse No. 12.—*Military Discipline, Courtesies, and Customs of the Service*.—Used as AGD 10-5, AO 10-5, Cav 10-5, Ch 30-5, CWS 10-5, CAC 10-5, Eng 10-5, FA 10-5, Fin 10-5, Inf 10-5, JAGD 20-5, Med 10-5, MI 10-5, Ord 10-5, QM 10-5, SC 10-5.

Common Subcourse No. 13.—*Military Law—Courts Martial*.—Used as AGD 20-4, AC 20-14, Cav 20-10, Ch 40-2, CWS 20-10, CAC 20-9, Eng 20-12, FA 20-11, Inf 20-15, JAGD 20-12, Med 20-6, MI 20-9, Ord 20-9, QM 20-7, SC 20-11.

Common Subcourse No. 14.—*Military Law—The Law of Military Offenses*.—Used as AGD 10-4, AC 10-4, Cav 10-4, Ch 30-7, CWS 10-4, CAC 10-4, Eng 10-4, FA 10-4, Fin 10-4, Inf 10-4, JAGD 20-4, Med 10-4, MI 10-4, Ord 10-4, QM 10-4, SC 10-4.

Common Subcourse No. 14a.—*Military Policy of the United States*.—Used as Eng 30-11, JAGD 50-1.

Common Subcourse No. 15.—*Military Sanitation and First Aid*.—Used as AGD 10-8, AC 10-8, Cav 10-8, Ch 30-8, CWS 10-8, CAC 10-8, Eng 10-8, FA 10-8, Fin 10-8, Inf 10-8, JAGD 20-8, Med 10-8, MI 10-8, Ord 10-8, QM 10-8, SC 10-8.

Common Subcourse No. 16.—*Mobilization*.—Used as AGD 20-2, AC 20-5, Cav 20-9, Ch 30-10, CWS 20-4, CAC 20-1, Eng 20-2, FA 20-3, Fin 20-2, Inf 20-8, JAGD 20-13, Med 20-5, MI 20-8, Ord 20-1, QM 20-1, SC 20-8.

Common Subcourse No. 17.—*Organization of the Army*.—Used as AGD 10-1, AC 10-1, Cav 10-1, Ch 30-1, CWS 10-1, CAC 10-1, Eng 10-1, FA 10-1, Fin 10-1, Inf 10-1, JAGD 20-1, Med 10-1, MI 10-1, Ord 10-1, QM 10-1, SC 10-1.

Common Subcourse No. 18.—*Organization of the Infantry Division*.—Used as AGD 20-3, AC 20-7, Cav 40-6, Ch 40-3, CWS 20-5, CAC 20-3, Eng 40-4, Fin 40-8, JAGD 20-14, Med 40-1, MI 20-3, Ord 40-1, QM 20-3, SC 20-12.

Common Subcourse No. 19.—*Property, Emergency Procurement and Funds*.—Used as AO 20-10, Cav 20-7, Ch 20-9, CWS 20-8, CAC 20-5, Eng 20-6, FA 20-7, Fin 20-4, Inf 20-7, JAGD 20-10, Med 20-3, MI 20-6, Ord 20-5, QM 20-5, SC 20-6.

Common Subcourse No. 19a.—*Scouting and Patrolling*.—Used as Inf 20-8, MI 20-1.

890. Proof Officer's Manual.

890a. Ordnance Field Manual, 1933, Volume I—Text.

890b. Ordnance Field Manual, 1933, Volume II—Plates.

890c. Ordnance Field Manual, 1933, Volume III.

891. (No text assigned to this number.)

891a. Standard Nomenclature List B-3, Rifle, U. S. Cal. .30, M1903, October 9, 1935.

891b. Standard Nomenclature List B-21, March 17, 1939.

892. Standard Nomenclature List D-8, July 6, 1926.

893. General Inspection Manual, Manufacturing Service, Ordnance Department, July 1, 1935.

894, 895, and 896. (No texts assigned to these numbers.)

897. Circular No. 1-2, O. Q. M. G., Jan. 31, 1936.

897a to 900, inclusive. (No texts assigned to these numbers.)

900a. Circular No. 1-18, O. Q. M. G., June 10, 1932.

900b. Tables of Allowances, Equipment for Posts, Camps, and Stations, September 1, 1934.

900c. Tables of Basic Allowances for the Quartermaster Corps, June 1930.

901 and 902. (No texts assigned to these numbers.)

903. Division Field Code No. 4.

904, 905, and 906. (No texts assigned to these numbers.)

907. R. C. P. No. 27, Sets, Radio Telephone and Telegraph, Types SCR-109-A and SCR-159, June 20, 1922.

908 to 914a, inclusive. (No texts assigned to these numbers.)

915. S. S. Pamphlet No. 20, Tactics and Technique of Signal Communication for Infantry and Cavalry Division, 1930, 1931, or 1933 (I-60 cents).

916. S. S. Pamphlet No. 23, Signal Orders, 1933 (I-60 cents).

916a. S. S. Pamphlet No. 23, Signal Orders, 1937 (I-60 cents).

917. (No text assigned to this number.)

918. U. S. Army Cipher Device, Type M-94.

919. Combined Protractor and Scales (paper), Army Extension Courses.

920. The National Defense Act and the Pay Readjustment Act, as amended (J-15 cents).

921. Special Publication No. 59, U. S. C. & G. S. Grid System for Progressive Maps in the United States (J-25 cents).

922. Staff Officers' Field Manual, Chapter I.

922a. Staff Officers' Field Manual, Part I, 1932 (J-20 cents).

922b. The Industrial Mobilization Plan (1936), of the War and Navy Departments.

922c. Joint Army and Navy Radiotelegraph and Radiotelephone Procedure (1935).

923. Special Map No. 1 (1930), Army Extension Courses (D-15 cents).

923a. Special Map No. 1 (1936), Army Extension Courses (D-15 cents).

924. Special Map No. 2 (1930), Army Extension Courses (D-15 cents).

924a. Special Map No. 2 (1935), Army Extension Courses (D-15 cents).

925. Special Map No. 3 (1930), Army Extension Courses (D-15 cents).

925a. Special Map No. 3 (1936), Army Extension Courses (D-15 cents).

926. Special Map No. 4 (1930), Army Extension Courses (D-15 cents).

926a. Special Map No. 4 (1936), Army Extension Courses (D-15 cents).

927. Special Map No. 5 (1930), Army Extension Courses (D-15 cents).

928. Special Map No. 6 (1930), Army Extension Courses (D-15 cents).

814. Troop Leading, G. S. S., 1927, Chapter II, The Infantry Division in Attack (D-10 cents).
- 815 to 839, inclusive. (No texts assigned to these numbers.)
- 839a. Antiaircraft Artillery, A. C. T. S., November, 1932.
- 840 and 841. (No texts assigned to these numbers.)
842. Simple Aerodynamics and the Airplane, Fourth Revised Edition—Carter (Special printing, Introduction and Chapters 1 to 9, incl.).
- 843 to 851, inclusive. (No texts assigned to these numbers.)
852. Table of Conventional Signs, The Cavalry School, 1937 (B-50 cents).
853. Methods of Combat for Cavalry, 1938 (B-\$1.00).
854. Training Management, The Cavalry School, 1934 (B-50 cents).
855. Tactical Principles and Logistics for Cavalry, The Cavalry School, 1933 or 1934 (B-80 cents).
- 855a. Tactical Principles and Logistics for Cavalry, The Cavalry School, 1937 (B-80 cents).
856. Horsemanship and Horsemaster-ship, Part Three, The Cavalry School (1935 Edition, or 1937 Reprint), and Changes No. 1, Sept. 1, 1938.
857. Mechanized Cavalry, The Cavalry School, 1933 (B-25 cents).
858. Staffs of Small Units, The Cavalry School, 1935 (B-25 cents).
859. Tables of Organization, Reference Data, The Cavalry School, 1933, as amended (B-50 cents).
- 859a. Tables of Organization, Reference Data, The Cavalry School, 1937 (B-65 cents).
- 859b. Tables of Organization, Reference Data, The Cavalry School, 1938 (B-60 cents).
860. The Cavalry Scout Car (Tentative Training Regulations), The Cavalry School (Mimeo).
861. Consolidated Tables, Coast Artillery School (C-30 cents).
862. Tables of Organization and Reference Data, 1938, The Coast Artillery School (C-20 cents).
863. (No text assigned to this number.)
864. Engineer Field Manual, Volume I, The Engineer School, 1929.
- 864a. Extracts from Volume I, Engineer Field Manual, The Engineer School, 1929.
- 865 and 866. (No texts assigned to these numbers.)
867. Engineer Procurement Manual, 1933 or 1937 Edition.
868. Planning Branch Circular No. 1, Office of the Assistant Secretary of War.
869. Planning Branch Circular No. 2, Office of the Assistant Secretary of War.
- 870 to 873, inclusive. (No texts assigned to these numbers.)
874. Tables of Organization, Medical Department, 1936 or 1938 revision (K-50 cents).
- 875 to 879, inclusive. (No texts assigned to these numbers.)
- 879a. Firing Tables 12-F-3.
880. Firing Tables 16-B-1, and Changes No. 2, Dec. 15, 1934.
881. (No text assigned to this number.)
882. Firing Tables 16-B-3.
883. Ordnance Document 1917, Revised May 7, 1918.
884. Ordnance Document 1918, Revised August 10, 1918.
885. Ordnance Document 1962.
886. Ordnance Document 1961.
887. Ordnance Document 2033.
888. (No text assigned to this number.)
- 888a. O. O. Form No. 7234, Ordnance Safety Manual, 1931 (J-60 cents).
889. Ordnance Provision System Regulations, May 1, 1931.
- 889a. Complete Set of Blank Forms used in Arsenal Administration.
- 889b. Instructions for the Preparation and Use of Blank Forms used in Arsenal Administration.
- 889c. Ordnance Department General Orders No. 3, Administration Regulations Governing the Industrial Activities at Establishments of the Ordnance Department, U. S. A.

Common Subcourse No. 20.—*Signal Communication for all Arms and Services*.—Used as AC 20-3, CWS 30-2, Eng 30-4, MI 20-4, SC 10-4.

Common Subcourse No. 21.—*Staff and Logistics for the Division*.—Used as AGD 40-2, AC 40-9, Ch 40-4, CWS 40-4, CAC 40-6, Eng 40-6, Fin 40-7, Med 40-4, MI 40-8, Ord 40-3, QM 40-8, SC 40-6.

Common Subcourse No. 22.—*Supply and Mess Management (3 parts)*.—Used as AC 20-5, Cav 20-5, CWS 20-4, CAO 20-4, Eng 20-4, FA 20-4, Inf 20-4, Med 20-3, Ord 20-4, QM 20-8, SC 30-4.

Common Subcourse No. 23.—*Tactics and Technique of the Separate Arms (3 parts)*.—Used as AGD 40-1, AC 40-5, Cav 40-7, CWS 40-8, CAC 40-6, Eng 40-5, Med 40-3, MI 40-2, QM 40-7, SC 40-8.

a. These subcourses are listed in the sections of the announcement pertaining to the using arms and services in the appropriate series of subcourses by the number proper to the position of the subcourse in the series, followed by the words "common subcourse" and a number in parentheses and the title of the subcourse.

6. *Advantages of enrollment*.—From a national viewpoint and from the viewpoint of the individual, the advantages of pursuing the Army Extension Courses are obvious. The Nation depends largely for its defense upon its citizen army. The quality of this defense will be in direct proportion to the efficiency of the officers in that army. Efficiency can only be attained and maintained by constant study and training. The position and importance of the individual citizen soldier depend upon mastery of his duties and functions; his reassignment and promotion depend in great part upon his own efforts and study.

7. *Eligibility for enrollment*.—a. Subject to limitations hereinafter prescribed, the following are eligible for enrollment in courses offered in their respective arms and services:

(1) Personnel of the Officers' Reserve Corps and of the Enlisted Reserve Corps.

(2) Personnel of the National Guard—

(a) *Officers*.—All officers of the active and inactive National Guard and all enlisted men holding commissions in the National Guard of the United States.

(b) *Enlisted men*.

1. Any individual enlisted man of the active or inactive National Guard who has the necessary basic education and military training to enable him to pursue extension course work with profit to himself and to the National Guard may be enrolled in the 10 series subcourse of any arm or service.

2. Enlisted specialists and others whose duties or prospective duties require special training which may be accomplished by means of extension course study may be enrolled in selected subcourses covering pertinent subjects; for example, Administration for company clerks; Mess Management for mess sergeants; Signal Communication for all Arms and Services for communication personnel, etc.

Students of the above category may be enrolled in pertinent subcourses of any series, and they will be required to complete only the subcourses specifically designated and approved for their study.

3. No enlisted man will be enrolled unless his application is approved by his immediate commanding officer and by the senior Regular Army instructor on duty with the unit to which the applicant belongs.

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(3) Officers of the Regular Army.

(4) Warrant officers and enlisted men of the Regular Army and members of the Regular Army Reserve who seek Reserve commissions and who, in the opinion of the station and corps area commanders, are qualified to pursue the courses.

(5) C. M. T. O. trainees of Red, White, and Blue Courses, provided such applicants are qualified to pursue the extension courses and to meet all other requirements incident to obtaining commission in the Officers' Reserve Corps.

(6) Civilians seeking Reserve commissions, provided—

(a) Such applicants are qualified to pursue the extension courses and to meet all other requirements incident to obtaining commission in the Officers' Reserve Corps, and

(b) That facilities for instruction are available.

b. The following are eligible for enrollment in the appropriate extension course of the Command and General Staff School:

(1) Students who have satisfactorily completed or have been permitted to omit in accordance with paragraph 9d the prior subcourses designated for promotion to the field grades in their arm or service, and officers of field grade who have, in the opinion of the corps area commander, the necessary military education to pursue efficiently these courses.

(2) Officers of the Regular Army.

(3) In the discretion of the corps area commander, civilians who served during the World War as commissioned officers in grade above that of major.

c. Except for those eminently qualified in one or more of the specialties set forth in Army Regulations, enrollment of medical officers in the Extension Course of the School of Aviation Medicine will be restricted to applicants not over 34 years of age.

d. An approved opinion of The Judge Advocate General holds that enrollment in the Army Extension Courses by citizens of the United States residing in foreign countries is in conflict with international law.

8. Method of enrollment.—a. Enrollment is by series of subcourses, and when you enroll in a series you will be enrolled automatically in each subcourse thereof. (See par. 9c.) Copies of W. D., A. G. O. Form No. 145 (Application for Enrollment, Army Extension Courses) are furnished with this section. If you desire to enroll in the extension courses during the next school year (beginning about Oct. 1, 1939), fill out the form in duplicate and submit it to your immediate military superior or direct to the headquarters of the corps area in which you reside. (See note at end of paragraph.) All the information requested by W. D., A. G. O. Form No. 145 should be carefully entered in the proper space. Additional information may be given on separate sheets.

b. Upon approval of your application, the original copy, together with necessary material of the first subcourse you are to pursue, will be returned to you through an instructor designated to conduct your extension course instruction.

NOTE.—If you were an active student on June 30, 1939, i. e., one whose enrollment was not canceled during the last quarter (April-June) of the 1938-39 school year, do not submit a new Application for Enrollment in the 1939-40 course, unless same should be required by corps area instructions.

9. Subcourses to be taken.—a. (1) If you are a Reserve officer or other officer, normally you should enroll in the series of subcourses pertaining to the next higher grade. For example, a second lieutenant should enroll in the 20 series subcourses; a first lieutenant in the 30 series, and so on, except as provided in paragraph 7b. In case your previous military education and training do not warrant your enrolling in the series of subcourses pertaining to the next higher grade, you should seek enrollment in the next lower series of subcourses.

(2) Students seeking enrollment in the extension course with a view to qualifying for initial appointment in the Officers' Reserve Corps should enroll in the

769. Defense, C. & G. S. S., 1934 or 1935 (D-10 cents).

769a. (No text assigned to this number.)

769b. Defense, C. & G. S. S., 1935 (D-10 cents).

769c. Manual for Commanders of Large Units, Volume II, Organization and Administration, C. & G. S. S., 1935 (D-15 cents).

770. Methods of Training, G. S. S., 1925 (D-50 cents).

771. Military Intelligence, C. & G. S. S., 1935 (D-10 cents).

772. Military Organization of the United States, G. S. S., 1925 (D-15 cents).

773. Reconnaissance, Security, and Marches, C. & G. S. S., 1935 (D-10 cents).

774. (No text assigned to this number.)

774a. Reference Data, C. & G. S. S., 1936 (D-15 cents).

775. Reference Data, C. & G. S. S., 1938 (D-25 cents).

775a. Reference Data, C. & G. S. S., 1932 (D-15 cents).

775b. Reference Data, C. & G. S. S., 1933 (D-15 cents).

775c. Reference Data, C. & G. S. S., 1934 (D-15 cents).

775d. Reference Data, C. & G. S. S., 1935, with Changes No. 2, Sept. 18, 1935 (D-15 cents).

775e. Special Operations, C. & G. S. S., 1935 (D-20 cents).

776. Special Operations, C. & G. S. S., 1936 (D-20 cents).

776. The Solution of Map Problems, G. S. S., 1925 (D-25 cents).

777. (No text assigned to this number.)

778. Tables of Organization, C. & G. S. S., 1935 (D-50 cents).

779. Tables of Organization, C. & G. S. S., 1936 (D-50 cents).

779a. Tables of Organization, C. & G. S. S., 1932, to include Changes No. 1, July 1, 1935 (D-50 cents).

779b. The Tactical Employment of Cavalry (Tentative), C. & G. S. S., 1934 (D-15 cents).

779c. The Tactical Employment of Division Cavalry (Tentative), C. & G. S. S., 1934 (D-10 cents).

779d. The Tactical Employment of Cavalry (Tentative), C. & G. S. S., 1935 (D-15 cents).

779e. Tactical Employment of Cavalry, C. & G. S. S., 1936 (D-15 cents).

780. Tactical Employment of the Quartermaster Corps in the Theater of Operations (Tentative), C. & G. S. S., 1937 (D-20 cents).

781 to 784, inclusive. (No texts assigned to these numbers.)

785. Tactical Principles and Decisions, G. S. S., Chapter VII, Development for Combat, 1928 (D-10 cents).

786 to 802, inclusive. (No texts assigned to these numbers.)

803. Tactics and Technique of Air Corps, Chapter II, C. & G. S. S., 1935 (D-10 cents).

804. (No text assigned to this number.)

805. Tactics and Technique of Chemical Warfare, C. & G. S. S., 1935 (D-25 cents).

806 and 807. (No texts assigned to these numbers.)

808. Tactics and Technique of Infantry, C. & G. S. S., 1934 or 1935 (D-10 cents).

809. (No text assigned to this number.)

810. Tactics and Technique, Quartermaster Corps (Tentative), Chapter II, Section I, C. & G. S. S., 1930 (D-5 cents).

811. Tactics and Technique, Quartermaster Corps (Tentative), Chapter II, Section II, C. & G. S. S., 1930 (D-5 cents).

811a and 811b. (No texts assigned to these numbers.)

812. Tactics and Technique of the Quartermaster Corps in the Theater of Operations, Chapters 1, 2, 3, and 4, C. & G. S. S., 1935 (D-40 cents).

813. Troop Leading, G. S. S., 1927, Chapter I, Introduction (D-10 cents).

714. Engineer Field Manual, Volume II, Part Three, 1932 (J-25 cents).
715. Basic Field Manual, Volume I, Chapter 5, 1938 (J-10 cents).
716. Basic Field Manual, Volume I, Chapter 6, 1939.
717. Basic Field Manual, Volume VI, 1937 (J-10 cents).
718. Cavalry Field Manual, Volume I, 1935 (J-30 cents).
719. Cavalry Field Manual, Volume II, 1938 (J-20 cents).
720. Cavalry Field Manual, Volume III, 1938 (J-25 cents).
721. Field Artillery Field Manual, Volume IV, 1939.
- 722 to 744, inclusive. (No texts assigned to these numbers.)
745. Logarithmic and Trigonometric Tables (F-10 cents).
- 745a. Field Artillery Book 1 (1934), Tables of Organization and Reference Data (F-75 cents).
- 745b. Field Artillery Book 10 (1936), Organization of the Field Artillery (F-25 cents).
- 745c. Field Artillery Book 100 (1937), Material (Elementary), The Field Artillery School (F-50 cents).
746. Field Artillery Book 182 (1937), Field Artillery Signal Communication (F-75 cents).
- 746a and 747. (No texts assigned to these numbers.)
- 747a. Field Artillery Book 130 (1936), Marches, Shelter, and Field Equipment (F-50 cents).
748. (No text assigned to this number.)
- 748a. Field Artillery Book 161 (1936), Gunnery (F-75 cents).
749. Field Artillery Book 162 (1936), The Firing Battery (F-20 cents).
- 749a. Field Artillery Book 220 (1938), Combat Orders and the Solution of Map Problems (F-50 cents).
- 749b. Field Artillery Book 221 (1938), Command and Staff Functions (F-50 cents).
- 749c. Field Artillery Book 224 (1938), Tactical Employment of Field Artillery (F-70 cents).
- 749d. Field Artillery Book 232 (1934), Associated Arms (F-75 cents).
- 749e. Field Artillery Book 240 (1934), Logistics (F-70 cents).
- 749f. Field Artillery Book 260 (1936), Field Artillery Training (F-40 cents).
- 749g. Field Artillery Book 204 (1936), Reconnaissance, Occupation, and Organization of Position (F-80 cents).
750. (No text assigned to this number.)
- 750a. Combat Orders, C. & G. S. S., 1936 (D-50 cents).
- 750b. Combat Orders, C. & G. S. S., 1938 (D-50 cents).
751. Attack, C. & G. S. S., 1934 (D-10 cents).
- 751a. Attack, C. & G. S. S., 1935 (Revised to Feb. 15, 1935) (D-10 cents).
- 751b. Attack, C. & G. S. S., 1936 (D-10 cents).
- Command, Staff, and Logistics, C. & G. S. S., as follows:*
752. (No text assigned to this number.)
- 752a. Chapter I, 1934 (D-10 cents).
753. Chapter II, 1936 (D-20 cents).
- 753a. Chapter II, 1934 (D-20 cents).
754. (No text assigned to this number.)
755. Chapter III, 1930 (D-10 cents).
756. Chapter III, 1934 (D-10 cents).
757. Chapter IV, 1934 (D-10 cents).
- 757a. Chapter IV, 1936 (D-10 cents).
758. Chapter V, 1930 (D-10 cents).
759. Chapter V, 1936 (D-10 cents).
760. Chapter VI, 1931 (D-20 cents).
- 760a. Chapter VI, 1934 (D-30 cents).
- 760b. Chapter VI, 1936 (D-20 cents).
761. (No text assigned to this number.)
- 761a. Chapter VII, 1934 (D-20 cents).
762. Chapter VIII, 1934 (D-20 cents).
- 762a. Chapter IX, 1936 (D-20 cents).
762. Chapter X, 1930 (D-20 cents).
764. (No text assigned to this number.)
765. Chapter XII, 1930 (D-20 cents).
- 766, 767, and 768. (No texts assigned to these numbers.)

10 series or other initial series of subcourses of the arm or service in which commission is sought.

b. To avoid the loss of your time that would result from enrolling you in a series of subcourses in which you are already qualified and which you should be permitted to omit, or in a series which your previous military education and training do not qualify you to pursue, it is very important that your application for enrollment show all previous training which in your opinion qualifies you to pursue the series of subcourses in which you seek enrollment.

c. Normally, students will start their extension course study with the first subcourse of the series in which enrolled and will study the remaining ones in numerical order, unless excused therefrom by proper authority in accordance with the provisions of d below.

d. Corps area commanders are authorized to administer the extension courses to meet the needs of individual students. Therefore, they may permit the student to omit any subcourse or numbered part thereof given under their jurisdiction, when, in their opinion, such action will best meet the training needs of the individual concerned.

e. If you are qualified in certain subcourses of the series in which you seek enrollment and do not wish to review the instruction covered therein, a request for permission to omit the same, together with evidence of your proficiency in the subject matter of the subcourses concerned, should accompany your application for enrollment.

f. Permission to omit subcourses in accordance with d above will not of itself exempt students from examination in corresponding military knowledge qualifications for appointment or promotion, as such exemptions must be determined by examining boards in accordance with the provisions of AR 140-6.

10. Minimum requirements.—a. By devoting a small part of your leisure time to this work you should be able to complete the series of subcourses appropriate to your grade and assignment during the period between promotions, but you are permitted to progress as rapidly or as slowly as your time and interest dictate. The only requirements are—

First, that during each quarter of the calendar year, except the third quarter (July-September), you complete at least one lesson of your course.

Second, that during the full instruction year you complete subcourses or lessons requiring approximately 20 hours of work.

b. (1) In case you fail to meet these requirements, your enrollment may be canceled (see par. 11). You will be notified prior to the cancellation of your enrollment.

(2) Due consideration will be given to illness, absence from home, and other circumstances beyond your control prior to canceling your enrollment for failure to meet the quarterly or the annual minimum requirements.

11. Reenrollment.—a. Enrollment may be renewed upon application to the corps area commander.

b. Corps area commanders may in their discretion deny reenrollment to those applicants who previously have had their enrollments twice canceled for failure to meet the quarterly or the annual minimum requirements.

12. Exemption from examinations prescribed for Certificate of Capacity.—In general, each subcourse covers one of the military knowledge qualifications prescribed for appointment or promotion in the Officers' Reserve Corps. Satisfactory completion of a subcourse or numbered part thereof, if the subcourse is divided into parts, will entitle you to a certificate showing subcourse completion which will exempt you for a definite period (see AR 140-6) from that portion of the written examination for Certificate of Capacity covered by the subcourse.

13. **Estimated hours of work.**—Each lesson, examination or review lesson, and subcourse has a time entry thereon (that for the subcourse being the sum of those for the lessons and examination or review lesson) that indicates the approximate number of hours of work that will probably be required by the average student to complete each lesson, examination or review lesson, and subcourse. These time entries are, however, only an estimate and should be considered merely as guides. You are free to devote as much or as little time as you require to complete them properly.

14. **Credit hours.**—The satisfactory completion of a subcourse or numbered part of a subcourse will entitle you to a number of credit hours of inactive duty training equal to the estimated hours of work (estimated time required) indicated on the subcourse introduction. These hours are also shown in the other sections of this announcement. The credit hours can be used for reappointment with eligibility for assignment, active duty, etc., but not as a basis for a Certificate of Capacity. The certificate showing subcourse completion is required for that purpose.

15. **Method of work.**—a. Instruction consists primarily in the assignment of a task, preparation by the student to perform the task, an exercise requiring use of the knowledge gained, and criticisms and suggestions upon the student's work by the instructor.

b. (1) When you (the student) send in your solution to your instructor, you should bring to his attention such points as may not be understood. When it can be arranged, it is desirable that you confer personally with the instructor. The instructor will at all times be conscientious in writing detailed criticisms of your solutions and in answering clearly all the questions which you ask about your work.

(2) (a) When the instructor has corrected your solution to a numbered lesson he will return it to you together with such constructive comments as he deems necessary to make clear the errors in your solution, and to insure that you understand as far as practicable the tactical principles or other instruction covered in the lesson. If the solution is satisfactory, you will receive with the return of your solution a copy of the "approved solutions" furnished by the War Department for the lesson. If your solution is unsatisfactory and you are required to repeat the lesson, the approved solution, if issued, will be furnished with the return of your second solution.

(b) Since a tactical problem often admits of more than one sound solution, you should not be discouraged if your solution differs from the approved solution. The comments on your solution should show whether your solution is sound and wherein you have followed or departed from sound tactical principles, teachings, and practices.

c. The value which you derive from any lesson will depend to a considerable degree upon the attention paid to the comments of the instructor upon your solution. Under certain conditions, such as poor quality of work, the instructor may require that the same exercise or a similar one be done over and sent in for further comment. Upon the completion of all the lessons of a subcourse, an examination or review lesson, if one is prescribed for the subcourse, will be given by the school conducting the course.

d. Your proficiency (rating) in a subcourse or numbered part thereof will be determined as follows:

(1) *All rated lessons and no examination.*—The average of the ratings attained on the lessons.

645. No. 245 (1934), The Chemical Warfare Supply System (Mimeo).
646. No. 246 (1936), Training Management, Chemical Troops (Mimeo).
647. No. 247 (1936), The Employment of Chemical Agents in Troop Training (Mimeo).
648. (No text assigned to this number.)
649. No. 249 (1937), Chemical Warfare Agents—IV, Methods of Manufacture (Mimeo).
650. (No text assigned to this number.)
651. No. 251 (1938), Development Procedure (Mimeo).
652. No. 252 (1937), Heavy Machine Guns (J-20 cents).
653. (No text assigned to this number.)
654. No. 254 (1936), Security, Cavalry Units (Horse) (Mimeo).
655. No. 255 (1937), Combat Principles, The Cavalry Rifle Squad and Platoon, Mounted and Dismounted (J-10 cents).
656. No. 256 (1935), Air Intelligence.
657. (No text assigned to this number.)
658. No. 258 (1935), Staff Duties.
659. No. 259 (1935), Aerial Navigation (Mimeo).
660. No. 260 (1936), Air Corps Communications.
- 661 to 664, inclusive. (No texts assigned to these numbers.)
665. No. 265 (1936), Infantry in Defensive Combat (H-60 cents).
666. No. 266 (1936), Infantry in Offensive Combat (H-70 cents).
667. No. 267 (1936), Infantry Antiaircraft Defense (H-45 cents).
668. No. 268 (1938), Infantry Signal Communication (H-40 cents).
669. No. 269 (1936), Drill and Command—Infantry.
670. (No text assigned to this number.)
671. No. 271 (1936), Estimate of the Situation.
672. No. 272 (1936), Tactics and Technique of Engineers.
673. No. 273 (1936), Tactics and Technique of Field Artillery.
674. No. 274 (1936), Tactics and Technique of Air Corps.
675. No. 275 (1937) (No title).
676. No. 276 (1936), Tactical Principles and Decisions, March on a Broad Front.
677. No. 277 (1936), Communications for Division in Attack.
678. No. 278 (1937) (No title).
679. No. 279 (1937) (No title).
680. No. 280 (1937) (No title).
- 681 to 693, inclusive. (No texts assigned to these numbers.)
694. No. 294 (1939), Staff and Logistics (Mimeo).
695. No. 295 (1939), Military Affairs (Mimeo).
696. No. 296 (1939), Military Reservations and Navigable Waters (Mimeo).
697. No. 297 (1939), Claims (Mimeo).
698. No. 298 (1939), Military Justice—IV (Mimeo).
699. No. 299 (1936), Nondivisional Quartermaster Units (Mimeo).
700. No. 300 (1939), The Quartermaster Regiment, Infantry Division (Mimeo).
701. No. 301 (1939), Utilities—I (Mimeo).
702. No. 302 (1936), Administration of Civilian Personnel (Mimeo).
703. No. 303 (1939), Transportation—Rail (J- cents).
- 704 to 709, inclusive. (No texts assigned to these numbers.)
- Service School and Miscellaneous Publications**
710. Basic Field Manual, Volume I, Chapter 8, 1937 (J-10 cents).
711. Basic Field Manual, Volume VII, 1934 (J-10 cents).
- 711a. (No text assigned to this number.)
- 711b. Coast Artillery Field Manual, Volume II, Part One, 1933 (J-20 cents).
712. Coast Artillery Field Manual, Volume II, Part One, 1938 (J-20 cents).
713. Engineer Field Manual, Volume II, Part One, 1932 (J-30 cents).

584. No. 194 (1934), Theory of Flight, Lighter-than-Air (J-10 cents).
 596. No. 196 (1933), Observation Aviation, Lighter-than-Air (Mimeo).
 596. (No text assigned to this number.)
 597. No. 197 (1936), Logistics (Mimeo).
 598. No. 198 (1934), Attack Aviation (J-10 cents).
 599. No. 199 (1935), Bombardment Aviation (J-40 cents).
 600. No. 200 (1937), Observation Aviation, Heavier-than-Air (Mimeo).
 601. No. 201 (1938), Organization of the Adjutant General's Department.
 602. No. 202 (1938), General Duties of Adjutants General.
 603 and 604. (No texts assigned to these numbers.)
 605. No. 205 (1932), Classification of Enlisted Personnel (J-5 cents).
 606. No. 206 (1938), The Army Postal Service.
 607. (No text assigned to this number.)
 608. No. 208 (1932), Office Organization and Administration, Chaplains (Mimeo).
 609. No. 209 (1932), Welfare and Recreation (Mimeo).
 610. No. 210 (1935), Rules of Land Warfare and Military Government (Mimeo).
 611. No. 211 (1933), Burials and Graves Registration (Mimeo).
 612. No. 212 (1937), Chemical Warfare Troops (Mimeo).
 613. No. 213 (1937), Organization of the Chemical Warfare Service (Mimeo).
 614. No. 214 (1937), Storage and Shipment of Chemical Warfare Munitions (Mimeo).
 615. No. 215 (1937), The Chemical Warfare Staff Officer (Mimeo).
 616. No. 216 (1937), Chemical Warfare Agents—III (Mimeo).
 617. No. 217 (1938), The Technical Divisions, Their Organization and Operation (Mimeo).
 618. No. 218 (1938), The Production Division, Edgewood Arsenal (Mimeo).
 619. No. 219 (1938), Combat Orders and Solution of Problems, C. W. S. (Mimeo).
 620. No. 220 (1937), Chemical Warfare Weapons and Ammunition (Mimeo).
 621. No. 221 (1938), The Tactical Employment of Chemical Agents (Mimeo).
 622. No. 222 (1937), Chemical Warfare Procurement (Mimeo).
 623. No. 223 (1934), Nomenclature of Organic Compounds (Mimeo).
 624. No. 224 (1936), Commercial Law—Contracts (Mimeo).
 625. No. 225 (1936), Commercial Law—Property and Miscellaneous.
 626. No. 226 (1938), Mobilization.
 627. No. 227 (1937), Organization of the Army.
 628. No. 228 (1937), Supply (J-5 cents).
 629. (No text assigned to this number.)
 630. No. 230 (1938), Message Center Procedure (I-40 cents).
 631. No. 231 (1937), Signal Communication for all Arms and Services.
 632. No. 232 (1934), Staff Principles and Functions (I-20 cents).
 633. No. 233 (1934), Radio Communication—Divisional Field System (I-20 cents).
 634. No. 234 (1937), Wire Communications (I-\$1.00).
 635, 636, and 637. (No texts assigned to these numbers.)
 638. No. 238 (1936), Signal Communication for the Corps, Army, and Communications Zone (Mimeo).
 639. (No text assigned to this number.)
 640. No. 240 (1936), Current Procurement, Signal Corps (I-30 cents).
 641. No. 241 (1935), Procurement Planning, Signal Corps (I-50 cents).
 642. No. 242 (1939), Fundamental Principles Governing Chemical Warfare Agents (Mimeo).
 643. No. 243 (1939), Chemical Warfare Service Units of the Field Army (Mimeo).
 644. (No text assigned to this number.)

- (2) *Examination but no rated lessons.*—The rating attained on the examination.
 (8) *Combination of rated lessons and an examination or review lesson.*

(a) If the total weight of rated lessons and the examination is 100 points—the sum of the ratings attained on the rated lessons plus the rating attained on the examination.

(b) If weight of 100 points is assigned to each lesson and to the examination or review lesson—one-half of the average of the ratings attained on the lessons plus one-half of the rating attained on the examination or review lesson.

a. Proficiency in a subcourse requires a numerical rating of at least 75 percent.

16. *Approved solutions.*—Approved solutions are issued for your personal use only, and you should be careful that neither an approved solution nor information concerning the same comes into the possession of students or prospective students who have not completed the work to which it pertains. When through with an approved solution, you should either destroy it or dispose of it as otherwise directed.

17. *Procurement of texts.*—a. (1) Your corps area extension school will furnish practically all texts required by the extension courses.

(2) The limited funds available for the conduct of the Army Extension Courses and the increasing student body necessitate the utmost economy in the use of texts. Therefore, texts issued to you on memorandum receipt should be returned to your instructor or other agency from which you receive them as soon as you have completed your subcourse, unless otherwise directed. Upon cancellation of enrollment, whether voluntary or not, you should return to the instructor or other agency all texts and other extension course material in your possession.

b. At the end of this pamphlet will be found a list of texts and maps. The items of this list are numbered consecutively. In the description of each subcourse is a list of numbers following the heading "Texts." These numbers indicate the texts and maps required for the study of the subcourse. The titles of these texts may be determined by referring to the corresponding numbers in the list at the end of this pamphlet. If no heading "Texts" follows the description of the subcourse, the required material is supplied as part of the lesson sheets.

c. (1) For the convenience of those who may wish to purchase some of the texts which can be furnished by loan only, key letters and prices follow certain titles in the text list. These letters refer to the places listed at the end of the text list where the texts may be purchased.

(2) The list of maps is keyed in the same way. In ordering maps the representative fraction, the edition, the name of each map or sheet, etc., should be stated, e. g., Topographical Map, Gettysburg-Antietam (1925), 1:21,120, Bon-neville sheet; Tactical Map, Quantico quadrangle (1927), 1:62,500, 840-N-IV-W/2; U. S. G. S. map, 1:62,500, Gettysburg quadrangle; Special Map No. 4, Army Extension Courses.

NOTE.—Do not use serial numbers when ordering texts.

LIST OF TEXTS

Army Regulations

- 1, 2, and 3. (No texts assigned to these numbers.)
 4. 5-50 (J-5 cents).
 5. 15-5 (J-5 cents).
 6. (No text assigned to this number.)
 7. 5-320 (J-5 cents).
 8 to 32, inclusive. (No texts assigned to these numbers.)
 39. 20-1410 (J-5 cents).
 40. 30-1415 (J-5 cents).
 41. 30-1420 (J-5 cents).
 42. 30-1425 (J-5 cents).
 42a. 30-1435 (J-5 cents).
 42b. 30-1430 (J-5 cents).
 42a. 30-1625 (J-5 cents).
 42d. 30-1790 (J-5 cents).
 43. 30-1805 (J-5 cents).
 44. 30-1810 (J-5 cents).
 45. 30-1815 (J-5 cents).
 46 and 47. (No texts assigned to these numbers.)
 48. 30-1840 (J-5 cents).
 49. 30-2145 (J-5 cents).
 50. 30-2210 (J-5 cents).
 51. (No text assigned to this number.)
 52. 30-3010 (J-5 cents).
 53 to 74, inclusive. (No texts assigned to these numbers.)
 75. 25-320 (J-5 cents).
 76. 35-4120 (J-5 cents).
 77 to 85, inclusive. (No texts assigned to these numbers.)
 86. 35-6520 (J-5 cents).
 86a. 35-6540 (J-5 cents).
 86b. 35-6560 (J-5 cents).
 87, 88, and 89. (No texts assigned to these numbers.)
 90. 35-6740 (J-5 cents).
 91. 35-7020 (J-5 cents).
 92. 35-7030 (J-5 cents).
 93. 35-7040 (J-5 cents).
 94. 35-7050.
 95. 35-7060 (J-5 cents).
 96. 35-7070 (J-5 cents).

97. 35-7080.
 98. 35-7100 (J-5 cents).
 99. 35-7220 (J-5 cents).
 100 to 102, inclusive. (No texts assigned to these numbers.)
 103a. 40-1080 (J-5 cents).
 103b. 40-1035 (J-5 cents).
 104. 50-5 (J-5 cents).
 105. 60-5 (J-5 cents).
 106 to 109, inclusive. (No texts assigned to these numbers.)
 110. 100-15 (J-5 cents).
 111. 120-10 (J-5 cents).
 112, 113, and 114. (No texts assigned to these numbers.)
 115. 210-50 (J-5 cents).
 116, 117, and 118. (No texts assigned to these numbers.)
 119. 310-60 (J-5 cents).
 119a. 330-5 (J-5 cents).
 120 to 126, inclusive. (No texts assigned to these numbers.)
 127. 600-25 (J-5 cents).
 128. 600-375 (J-5 cents).
 129. 600-395 (J-5 cents).
 130 to 136, inclusive. (No texts assigned to these numbers.)
 136. 600-700 (J-5 cents).
 137. 605-250 (J-5 cents).
 138. 615-360 (J-5 cents).
 139 to 158, inclusive. (No texts assigned to these numbers.)
 159. 700-10 (J-5 cents).
 160. 850-25 (J-5 cents).
 161. Envelope containing Army Regulations for use with AGD 20-1.
 162. Envelope containing Army Regulations for use with AGD 30-1.
 163 to 199, inclusive. (No texts assigned to these numbers.)

Training Regulations

200. 10-5 (J-5 cents).
 200a. 50-15 (J-5 cents).
 201. 50-35 (J-5 cents).

542. No. 142 (1939), Organization and Operation of Supply Depots—Zone of the Interior and Theater of Operations (Mimeo).
 543. No. 143 (1936), Mass Procurement (Mimeo).
 544. No. 144 (1936), Storage and Issue (Mimeo).
 545. No. 145 (1937), Current Procurement and Distribution (J-15 cents).
 546. No. 146 (1939), Administration of Supply—Theater of Operations (Mimeo).
 547. No. 147 (1939), Quartermaster Depot Organization and Operation—Motor Transport Depot (Mimeo).
 548. No. 148 (1935), Water Transportation (Mimeo).
 549. No. 149 (1939), Transportation of Troops and Supplies (Mimeo).
 550. (No text assigned to this number.)
 551. No. 151 (1931), Maintenance of Divisional Artillery (Mimeo).
 552. No. 152 (1939), Ammunition Loading (Mimeo).
 553. No. 153 (1930), Artillery Fuses and Detonating Trains (Mimeo).
 554. No. 154 (1934), Arsenal Organization and Administration (Mimeo).
 555. No. 155 (1936), Proving Ground Organization and Administration (Mimeo).
 556. No. 156 (1939), Military Explosives (Mimeo).
 557, 558, and 559. (No texts assigned to these numbers.)
 560. No. 160 (1937), Cavalry Weapons and Musketry.
 561. No. 161 (1937), Cavalry Marches and Camps (J-10 cents).
 562 and 563. (No texts assigned to these numbers.)
 564. No. 164 (1931), Signal Corps Organization (Mimeo).
 565. No. 165 (1935), Elementary Military Cryptography.
 566. No. 166 (1935), Advanced Military Cryptography.
 567. No. 167 (1936), Signal Supply (J-50 cents).
 568. No. 168 (1936), Signal Depot Organization and Administration (J-30 cents).
 569. (No text assigned to this number.)
 570. No. 170 (1931), Methods of Constructing Wire and Cable Lines (J-10 cents).
 571. No. 171 (1931), Field Wire Systems (J-30 cents).
 572. (No text assigned to this number.)
 573. No. 173 (1938), Constitutional and Historical Basis of Military Jurisdiction (Mimeo).
 574. No. 174 (1936), Organization of the War Department and of the Judge Advocate General's Office (Mimeo).
 575. No. 175 (1932), Military Government (Mimeo).
 576. No. 176 (1938), Administrative Law (Mimeo).
 577. No. 177 (1939), The Solution of Problems (Mimeo).
 578. (No text assigned to this number.)
 579. No. 179 (1937), Command, Staff, and Logistics—Infantry (H-35 cents).
 580. No. 180 (1936), Training Management (J-5 cents).
 581. No. 181 (1933), Employment of Balloon and Airship Units (Mimeo).
 582. No. 182 (1935), Engineering (Mimeo).
 583. No. 183 (1938), Pursuit Aviation (J-15 cents).
 584. No. 184 (1938), Employment of the Air Corps.
 585. No. 185 (1934), The Air Corps Supply System.
 586. No. 186 (1936), Aviation Camouflage.
 587. (No text assigned to this number.)
 588. No. 188 (1937), Organization of the Air Corps (Mimeo).
 589. No. 189 (1931), Air Force (Mimeo).
 590 and 591. (No texts assigned to these numbers.)
 592. No. 192 (1936), Combat Orders, Air Corps (J-10 cents).
 593. No. 193 (1935), Meteorology (J-15 cents).

479. No. 79 (1934), Map Compilation and Map Reproduction (Mimeo).
480. No. 80 (1935), Corps Area Intelligence Activities (Mimeo).
481. No. 81 (1938), Military Maps (Mimeo).
482. No. 82 (1931), Interpretation of Aerial Photographs (Mimeo).
483. No. 83 (1934), Combat Intelligence (Mimeo).
484. (No text assigned to this number.)
485. No. 86 (1938), Intelligence Documents (Mimeo).
- 486, 487, and 488. (No text assigned to these numbers.)
489. No. 89 (1937), The Medical Service of the Corps and Army (Mimeo).
490. No. 90 (1937), The Medical Service of a Field Force (Mimeo).
- 491 to 497, inclusive. (No texts assigned to these numbers.)
498. No. 98 (1938), War Department Procurement Planning (Mimeo).
499. No. 99 (1939), Military Motor Transportation—Basic.
500. (No text assigned to this number.)
501. No. 101 (1936), Abbreviated Firing Tables, the 75-mm Gun, Model of 1897 (French), and the 155-mm Howitzer (Schneider), Model of 1918 (F-20 cents).
502. No. 102 (1934), Field Artillery Fire-control Instruments (F-20 cents).
503. (No text assigned to this number.)
504. No. 104 (1936), Combat Orders and Solution of Problems—Coast Artillery (C-80 cents).
505. No. 105 (1938), Tank Employment.
506. No. 106 (1935), Tactics and Technique of Engineers.
507. No. 107 (1935), Division Artillery.
508. No. 108 (1939), Fixed and Floating Bridges (E-20 cents).
509. No. 109 (1932), Mapping (E-20 cents).
510. (No text assigned to this number.)
511. No. 111 (1932), Military Roads (E-15 cents).
512. No. 112 (1931), Engineer Supply (E-20 cents).
513. No. 113 (1938), Organisation and Duties of Engineers (E-5 cents).
514. No. 114 (1934), Explosives and Demolitions (E-20 cents).
515. No. 115 (1934), Organisation of the Ground and Field Fortifications (E-25 cents).
516. No. 116 (1934), Tactics and Solution of Problems (E-20 cents).
517. No. 117 (1934), Employment of Combat Engineers (E-15 cents).
518. No. 118 (1934), Construction in War (E-30 cents).
519. No. 119 (1936), The General Service Platoon, Company, Battalion, and Regiment (E-15 cents).
520. No. 120 (1936), The Engineer Separate Battalion (E-15 cents).
521. No. 121 (1936), Traffic Circulation (E-15 cents).
522. No. 122 (1936), Tactics and Combat Principles (E-20 cents).
523. No. 123 (1937), The Platoon, Troop and Squadron (E-25 cents).
- 524 to 532, inclusive. (No texts assigned to these numbers.)
533. No. 133 (1937), Highway Transport—I (Mimeo).
534. No. 134 (1936), Highway Transport—II (Mimeo).
535. No. 135 (1938), Salvage (Mimeo).
536. No. 136 (1939), Organisation of the Quartermaster Corps (Mimeo).
537. No. 137 (1938), Budget and Agent Finance Accounting (Mimeo).
538. No. 138 (1938), Quartermaster Depot Organization and Operation—Remount Depot (Mimeo).
539. No. 139 (1937), Utilities—II (J-15 cents).
540. No. 140 (1936), Fiscal and Property Accounting (Mimeo).
541. (No text assigned to this number.)

- 202 to 205, inclusive. (No texts assigned to these numbers.)
206. 190-5 (J-15 cents).
207. (No text assigned to this number.)
208. 190-18 (J-10 cents).
- 209 to 213, inclusive. (No texts assigned to these numbers.)
214. 195-40 (J-15 cents).
215. 195-45 (J-10 cents).
216. (No text assigned to this number.)
217. 200-5 (J-10 cents).
218. 200-10 (J-15 cents).
219. 210-5 (J-10 cents).
220. 210-10 (J-20 cents).
- 220a. 225-5 (J-5 cents).
221. 225-10 (J-5 cents).
- 222 and 223. (No texts assigned to these numbers.)
224. 310-20 (J-10 cents).
- 224a. 320-10 (J-10 cents).
225. 320-25 (J-10 cents).
226. (No text assigned to this number.)
227. 320-35 (J-15 cents).
228. (No text assigned to this number.)
229. 360-25 (J-10 cents).
230. 405-40 (J-10 cents).
- 231 to 255, inclusive. (No texts assigned to these numbers.)
257. 440-96 (J-10 cents).
- 258 to 268, inclusive. (No texts assigned to these numbers.)
- 268a. 405-500 (J-10 cents).
269. 405-550 (J-10 cents).
- 269a. 405-580 (J-5 cents).
270. 405-570 (J-10 cents).
271. 405-600 (J-10 cents).
- 271a. 405-2040 (J-5 cents).
- 272 to 299, inclusive. (No texts assigned to these numbers.)
- Technical Regulations**
300. 1170-65 (J-20 cents).
301. 1170-205 (J-15 cents).
- 302 to 305, inclusive. (No texts assigned to these numbers.)
- 305a. 1190-5 (J-10 cents).
- 306 and 307. (No texts assigned to these numbers.)
- 307a. 1210-20 (J-10 cents).
308. 1210-30 (J-15 cents).
- 308a. 1210-31.
- 308b. (No text assigned to this number.)
- 308c. 1210-50.
309. (No text assigned to this number.)
- 309a. 1215-8.
- 309b. 1215-6 (J-5 cents).
310. 1300-3A (J-5 cents).
311. (No text assigned to this number.)
312. 1300-30G (J-20 cents).
- 312a. 1300-37A (J-10 cents).
313. 1300-45A (J-5 cents).
314. 1305-155A (J-30 cents).
315. 1305-155C (J-20 cents).
- 315a. 1305-240A (J-25 cents).
316. 1310-3B (J-25 cents).
317. 1320-B (J-15 cents).
318. 1350-A (J-10 cents).
319. 1355-75A (J-10 cents).
320. 1355-155A (J-15 cents).
321. 1360-3A (J-10 cents).
322. 1370-A (J-45 cents).
- 322a. 1400-30A (J-5 cents).
- 323 and 324. (No texts assigned to these numbers.)
325. 1400-37A (Pending the publication of TR 1400-37A, TR 1410-120 will be used in lieu thereof.)
326. 1400-45A (J-5 cents).
327. 1405-155A (J-15 cents).
328. 1405-155C (J-15 cents).
329. 1410-125 (J-15 cents).
330. 1310-88.
331. 1210-70.
332. 1265-1 (J-10 cents).
- 333 to 345, inclusive. (No texts assigned to these numbers.)
- Training Manuals**
346. 2170-6 (J-55 cents).
347. 2160-25 (J-15 cents).
348. 2260-5 (J-10 cents).
- 349 to 359, inclusive. (No texts assigned to these numbers.)
- Mobilisation Regulations**
360. 1-3.
361. 4-2 (J-5 cents).
362. 1-2.
- 362a. 1-7.
363. 1-9.
364. 2-1.
365. 2-1.
366. 4-1 (J-5 cents).
367. 4-4.
- 368 and 369. (No texts assigned to these numbers.)

War Department Documents

370. 5a or Training Manual No. 2270-5, June 10, 1937 (J-10 cents).
 371. 14a (J-\$1.00).
 372. 290.
 373. (No text assigned to this number.)
 374. 947 (J-25 cents).
 375. 1085.
 376. (No text assigned to this number.)
 377. 1120 (J-40 cents).
 378 to 383, inclusive. (No texts assigned to these numbers.)
 384. Field Message Blanks.
 385 to 400, inclusive. (No texts assigned to these numbers.)

Special Texts, Army Extension Courses

(The price on a special text indicated thus (*) was not available at the time this pamphlet was printed. However, copies may be procured from the agency indicated after the text.)

401. No. 1 (1933), Administration (J-10 cents).
 402. No. 2 (1936), Military Organization (Mimeo).
 403. No. 3 (1937), Mess Management (J-5 cents).
 404. No. 4 (1939), Tank Characteristics and Maintenance (H-15 cents).
 405. No. 5 (1934), Organization of Infantry (H-20 cents).
 406. No. 6 (1937), Troop Movements and Shelter (H-35 cents).
 407. No. 7 (1937), Scouting and Patrolling.
 408. No. 8 (1938), Weapons and Munitions (H-35 cents).
 409. No. 9 (1932), Defensive Combat and Organization of the Ground (J-10 cents).
 410. No. 10 (1937), The Solution of Map Problems (H-25 cents).
 411. No. 11 (1933), Offensive Combat of Small Infantry Units (H-20 cents).
 412. No. 12 (1937), Combat Orders—Infantry.
 413. No. 13 (1937), Infantry in Special Operations (H-20 cents).
 414. No. 14 (1935), Tank Employment (E-25 cents).

415. No. 15 (1933), Tactics and Technique of Infantry in Offensive Combat (H-30 cents).
 416. No. 16 (1936), Tactics and Technique of the Associated Arms in the Support of Infantry (H-45 cents).
 417. No. 17 (1937), Property, Emergency Procurement and Funds.
 418. No. 18 (1932), Military Discipline, Courtesies, and Customs of the Service (J-5 cents).
 419. No. 19 (1933), Military Sanitation and First Aid (J-5 cents).
 420. No. 20 (1935), Division Aviation.
 421. No. 21 (1931), Military Law—The Law of Military Offenses (J-5 cents).
 422. No. 22 (1935), The Functions of Infantry Headquarters and Headquarters and Service Units.
 423 and 424. (No texts assigned to these numbers.)
 425. No. 25 (1933), Coast Artillery Weapons and Material (C-30 cents).
 426. No. 26 (1936), Gunnery, Fire Control, and Position Finding for Antiaircraft Artillery (C-50 cents).
 427. No. 27 (1935), Coast Artillery Ammunition (C-25 cents).
 428. No. 28 (1937), Tactics and Technique for Seacoast Artillery (C-30 cents).
 429. No. 29 (1934), Organization of the Coast Artillery Corps (C-25 cents).
 430. No. 30 (1939), The Harbor Defense Command (C-20 cents).
 431. No. 31 (1937), The Antiaircraft Command (C-20 cents).
 432. No. 32 (1935), Fire Control and Position Finding for Seacoast Artillery (C-45 cents).
 433. No. 33 (1935), Training Management (C-25 cents).
 434. (No text assigned to this number.)
 435. No. 35 (1937), Gunnery for Seacoast Artillery (C-45 cents).
 436. (No text assigned to this number.)

437. No. 37 (1938), Field Fortifications for Coast Artillery (C-35 cents).
 438. (No text assigned to this number.)
 439. No. 39 (1936), Signal Communication—Coast Artillery (C-30 cents).
 440. No. 40 (1931), Gages, Jigs, and Fixtures (Mimeo).
 441. No. 41 (1937), Organization of the Ordnance Department (Mimeo).
 442. No. 42 (1938), Ordnance District Organization (J-15 cents).
 443. No. 43 (1934), The Ordnance Provision System and Property Accounting (Mimeo).
 444. No. 44 (1930), Ordnance Field Service, General (Mimeo).
 445. No. 45 (1931), Maintenance, Organization, and Administration (Mimeo).
 446. No. 46 (1936), The Elements of Firing Table Construction (Mimeo).
 447. No. 47 (1937), Ordnance Material—General (Mimeo).
 448. No. 48 (1939), Automatic Weapons (Mimeo).
 449. No. 49 (1938), Inspection Principles and Methods (Mimeo).
 450. No. 50 (1938), Medical Department Administration (J-10 cents).
 451. No. 51 (1939), Dental Administration (J- cents).
 452. No. 52 (1935), Combat Orders and Solution of Problems—Medical (J-5 cents).
 453. No. 53, Veterinary Administration (Mimeo).
 454. No. 54 (1936), Elementary Military Sanitation (J-10 cents).
 455. No. 55 (1938), Training Management, Medical Department.
 456. No. 56 (1936), Organization and Employment of the Medical Service, Infantry and Cavalry Divisions.
 457. No. 57 (1936), Medical Aspects of Chemical Warfare (J-5 cents).
 458. No. 58 (1938), Veterinary Sanitation (Mimeo).
 459. No. 59 (1936), Sanitation of Camps and Stations (J-15 cents).
 460. No. 60 (1932), Organization and Employment of the Veterinary Service, Infantry and Cavalry Divisions (J-10 cents).
 461. No. 61 (1934), Organization of the Medical Department (J-5 cents).
 462. No. 62 (1937), Organization of the Finance Department (Mimeo).
 463. No. 63 (1936), Finance Officers and Their Authorized Agents (Mimeo).
 464. No. 64 (1937), Pay and Allowance Account (Mimeo).
 465. No. 65 (1939), Travel Allowances (Mimeo).
 466. No. 66 (1939), Pay Accounts of Enlisted Men of the Army (Mimeo).
 467. No. 67 (1937), Pay Accounts of Reserve Officers and Officers and Enlisted Men of the National Guard (Mimeo).
 468. No. 68 (1939), Property Auditing (Mimeo).
 469. No. 69 (1937), Finance and Accounting (Mimeo).
 470. No. 70 (1938), Coordination Between the Procuring and Paying Agencies of the Army (Mimeo).
 471. No. 71 (1937), Public Funds (Mimeo).
 472. No. 72 (1939), Statement of Money Accountability (Mimeo).
 473. No. 73 (1938), Military Intelligence Organization and Functions (Mimeo).
 474. No. 74 (1938), War Department Intelligence (Mimeo).
 475. No. 75 (1936), The Collection, Evaluation, and Dissemination of Combat Intelligence (Mimeo).
 476. No. 76 (1934), Intelligence Documents (Mimeo).
 477. No. 77 (1938), The Camp Intelligence Officer (Mimeo).
 478. No. 78 (1932), The Employment of Observation Aviation (Mimeo).

SFSLC 413.44 F.B.I.

WAR DEPARTMENT
HEADQUARTERS, SERVICES OF SUPPLY
OFFICE OF THE CHIEF SIGNAL OFFICER
WASHINGTON, D. C.

December 31, 1942

Dep. Justice
5524

Memorandum for General Strong, Asst. Chief of Staff, G-2.

Subject: Transmitting Equipment for F. B. I.

1. Reference your memorandum of December 30, one cipher machine, Model C-28, is being turned over to the FBI on a loan basis and for the purpose stated in your memorandum. This action has been coordinated with Colonel b6

2. Reference the FBI's request as to the status of supply of the EC-610 transmitter, this transmitter is a part of the SCR-299 radio equipment. It is one of the most important field radio sets in use by the Army for communication between the higher echelons of command. This equipment at the present time is a controlled item and supply is established by the Army and Navy Electronics Procurement Agency under the Joint Communications Board.

3. I have discussed the possibility of the FBI increasing their order on this item from 10 to 20, and have been informed by our supply service that in order for the FBI to secure favorable deliveries, it will be necessary to have their request placed on the precedence list of the Army and Navy. They may take this action by contacting Colonel b6 Signal Corps, Room 2-3-280, Pentagon Building, Telephone Number 73275, who is the head of the Working Committee, which has the authority to fix the position of all items on the precedence list.

4. It is suggested that a representative from the FBI contact Colonel Falk by Tuesday, January 5, 1943, as the Precedence Committee of the Joint Communications Board meets on that date.

5. Instruction book for Radio Set SCR-299-C is inclosed herewith.

For the Chief Signal Officer:

Pls. Return to
Col b6

80-612-95
Frank E. Stebner
Frank E. Stebner
Brigadier General, U. S. Army.

1 Incl - IB on SCR-299-C

Call Col b6



59 MAR 12 1943



ARMY SERVICE FORCES

SIGNAL SECURITY AGENCY

WASHINGTON 25, D. C.



SPSIS-1

80-612

29 May 1945

Mr. I. W. Newpher
Federal Bureau of Investigation Laboratory
Pennsylvania Ave. at 9th St., N. W.
Washington, D. C.

Dear Mr. Newpher:

In accordance with your verbal request, the inclosed copy of "~~The~~ Contribution of the Cryptographic Bureaus in the World War", by Yves Gylden, is forwarded for your information and retention.

Sincerely yours,

b6

1 Incl
Pub as described
above

Colonel, Signal Corps
Commanding

*Inclosure Returned to
Crypt Section Library
5/30/45
11.11.45*

RECORDED
INDEXED

189

EX-52

51 1-12-108

JUN 13 1945

57 JUN 22 1945



WAR DEPARTMENT
MILITARY INTELLIGENCE SERVICE
WASHINGTON 25, D. C.



6 February 1946

The Honorable J. Edgar Hoover,
Director, Federal Bureau of Investigation,
United States Department of Justice,
Washington, D. C.

Dear Mr. Hoover:

In reply to your letter of January 23, 1946, there is no objection to the transferring to your permanent possession, with no reimbursement involved of the Hagelin C38 borrowed by your organization in December, 1942.

In regard to SYKO, this is a British cypher device over which we have no authority.

M-94 cypher devices are now obsolete but if same are available, there is no objection to your use of same. M-209, cryptographic devices will be made available to you in quantities as you may desire.

Sincerely,

P. E. Peabody
P. E. PEABODY
Brigadier General, GSC
Chief, Military Intelligence Service

RECORDED

EX-6

180-612-118

31 FEB 13 1946

RECEIVED

57 MAY 10 1946

SFP:EG

RECORDED

November 12, 1938

INDEXED

80-612-20X

Major General J. O. Mauborgne
Chief Signal Officer
War Department
Washington, D. C.

Attention: Mr. [REDACTED]

b6

My dear General:

Reference is made to your letter of October 25, 1938 transmitting to the Technical Laboratory of this Bureau a copy of an extract from a confidential publication relative to a matter discussed by your Mr. [REDACTED] and Mr. [REDACTED] of the Technical Laboratory.

The information contained in this publication is of great value and I wish to express my appreciation of your cooperation in making this publication available.

Sincerely yours,

J. Edgar Hoover

John Edgar Hoover
Director

Mr. Tolson _____
Mr. Nathan _____
Mr. E. A. Tamm _____
Mr. Clegg _____
Mr. Coffey _____
Mr. Crowl _____
Mr. Egan _____
Mr. Foxworth _____
Mr. Glavin _____
Mr. Harbo _____
Mr. Lester _____
Mr. McIntire _____
Mr. Nichols _____
Mr. Tracy _____
Mr. Egan _____

COMMUNICATIONS SECTION
MAILED

NOV 12 1938

P. M.
FEDERAL BUREAU OF INVESTIGATION
U. S. DEPARTMENT OF JUSTICE

IN REPLY
REFER TO

~~WAR~~ DEPARTMENT
OFFICE OF THE CHIEF SIGNAL OFFICER
WASHINGTON

October 25, 1938.

Mr. E. P. Coffey,
Chief of Technical Laboratory,
Federal Bureau of Investigation,
Department of Justice,
Washington, D. C.

My dear Mr. Coffey:

Several days ago you requested some data
on a subject which is sometimes of mutual interest. I
take pleasure in enclosing herewith an extract from a
confidential publication which deals with the matter
mentioned. Thorough search of our files fails to disclose
any additional data on this subject. I hope, however,
that what I am sending will be useful.

Very truly yours,

b6

cc. b3/b7e Per FBI

80-699

b3
b7E per FBI

80-612-207
RECORDED COPY FILED IN

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&
INDEXED

80-612-207

~~CONFIDENTIAL~~

OPENING SEALED

b1

b3

~~(C)~~ 1.

b1 b3

examining sealed documents when

b1 b3

b1

b3

~~(C)~~ a.

General.-

b1

b3

b1

b3

~~(C)~~ b.

b1

b3

b1

b3

b1 b3

Extreme care and patience is needed to do a successful job.

b1

b3

~~CONFIDENTIAL~~

80-612-20x
~~80-621-1~~

~~CONFIDENTIAL~~

b1 b3

b1

b3

This may have been done purposely.

b1

b3

These precautions are absolutely necessary if it is desired to

b1

b3

b1 b3

b1

b3

Paper seals should be restored in a similar manner as the flap.

~~(C)~~ c.

b1

b3

b1

b3

b1

b3

Extreme care must be used not

b1

b3

~~(C)~~ d.

b1

b3

b1 b3

~~CONFIDENTIAL~~

~~(S)~~

b1 b3

b1 b3 The paper is returned in a similar manner.

~~(S)~~

e. b1 b3 Wherever possible it is always desirable to b1 b3

b1 b3

~~CONFIDENTIAL~~

IN REPLY
REFER TO

WAR DEPARTMENT
OFFICE OF THE CHIEF SIGNAL OFFICER
WASHINGTON

October 25, 1939.

Mr. J. Edgar Hoover, Director,
Federal Bureau of Investigation,
U. S. Department of Justice,
Washington, D. C.

My dear Mr. Hoover:

This is to acknowledge receipt of your letter of October 20, 1939. I wish to assure you that I am very pleased to furnish training to your Mr. [b6] along the lines indicated in your letter. It is suggested that you have Mr. [b6] report to Captain [b6] in Room No. 3412 at 9.00 A.M. on November 1. If this is not satisfactory it will be possible to make other arrangements as to time by telephone.

I note that Mr. [b6] will be available 10 hours a week for 10 weeks. Because of the nature of the work and the time required to get into the work it is believed that the training should be given for at least a half a day at a time. It is therefore suggested that training be given either three mornings or three afternoons a week. Either will be satisfactory to us. All the materials necessary for the pursuance of this course will be furnished by this office.

Sincerely yours,

b6

Colonel, Signal Corps.

RECORDED & INDEXED

80-612 34

FEDERAL BUREAU OF INVESTIGATION

OCT 26 1939

U. S. DEPARTMENT OF JUSTICE

10/26/39

10/26/39

Denver, Colorado
October 7, 1942

Director
Federal Bureau of Investigation
Washington, D. C.

Re: EXPLOSIVES, SECRET INKS,
AND CIPHERS

Dear Sir:

There is being enclosed herewith a copy of a letter
exhibited to the Denver Office by Mrs. [b6] Assistant
Librarian of the Denver [b6]

Mrs. [b6] came to this office and requested more
definite information concerning the contents of this letter. She
was advised to contact G-2 for further information; however, it
will be noted that the letter states that she should report to
this office any information concerning parties calling for books
at the library relative to explosives, secret inks, and ciphers.

It will further be noted that the letter stated she should
remove from the shelf all books and other materials dealing with
explosives, secret inks, and ciphers, and she stated this would be
a difficult task due to the fact that there are so many books in
the library at the present time including encyclopedias, etc.,
having this information.

It is requested that this office be furnished with any
information you have received from the War Department concerning
the attached letter.

Very truly yours,

[b6]

Special Agent in Charge

RECORDED

80-612-83

FEDERAL BUREAU OF INVESTIGATION

U. S. DEPARTMENT OF JUSTICE

FILE

Enclosure
7/133

RECORDED
NO STALLING

ORIGINAL FILED IN 80-622-541

C
O
P
Y

AMERICAN LIBRARY ASSOCIATION

Executive Offices
520 North Michigan Ave.
Chicago, Illinois

September 4, 1942

~~Confidential~~

To the Librarian:

You are requested by the Secretary of War to withdraw from open shelves and general use all books and other materials dealing with explosives, secret inks, and ciphers.

Such materials should not hereafter be available for use while the United States is at war unless the person desiring to use them can satisfy the chief librarian or his designated representative that such use is entirely legitimate.

The names and addresses of all persons making requests to use the material, whether the requests are granted or not, should be furnished promptly to the local office of the Federal Bureau of Investigation.

Yours very truly

/signed/

CARL H. MILAM
Executive Secretary

CHM-W

B

~~Confidential~~ - as it affects national defense
and comes under the Espionage Act.

80-612-83

ENCLOSURE

~~SECRET~~

WAR DEPARTMENT
WAR DEPARTMENT GENERAL STAFF
MILITARY INTELLIGENCE DIVISION G-2
WASHINGTON

January 2, 1943

b6

Colonel J. Edgar Hoover
Director, Federal Bureau of Investigation
Washington, D. C.

Dear Colonel Hoover:

Reference is made to your letter dated December 31, 1942 in which you ask our opinion, from a security standpoint, of the Hagelin Cryptographer Model C-38, manufactured by L. C. Smith and Corona Typewriters Inc. We place this in a Restricted classification and no known modification would, in our opinion, render it capable of a higher classification than a low grade Confidential.

Very truly yours,

b6

Colonel, General Staff,
Chief, Special Branch, MIS.

~~DEFERRED RECORDING~~



Regraded UNCLASSIFIED on
9 November 2016
by USAINSCOM FOI/PA
Auth Encl 5, para 1-d, DOD 5200-01-V1

55 FEB 4 1943

347

~~SECRET~~

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&
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80-612-92
JAN 8 1943
LAW



~~CONFIDENTIAL~~

WAR DEPARTMENT
WAR DEPARTMENT GENERAL STAFF
MILITARY INTELLIGENCE DIVISION, G-2
WASHINGTON 25, D. C.

7 August 1945

Dear Mr. Hoover:

The Army now has in storage a large quantity of unclassified cryptographic devices which, under current policy, is required to be disposed of as surplus property. This material includes two cipher devices designated as SYKO and M-94. In addition to the above mentioned devices the Army utilizes an unclassified cipher device, designated as the Converter M-209, which will also come within the category of material available for disposal as surplus property following the termination of active operations.

The cryptographic devices mentioned above, while designed for use primarily in low echelons, can be utilized in such a manner as to make cryptanalytic solution of the resulting cryptograms exceedingly difficult, if not impossible. This is true particularly in the case of the Converter M-209.

In view of the above and mindful of the difficulties encountered by Government law enforcement agencies, prior to the war, arising from the use by criminal elements of mediocre to fairly good codes and ciphers, the comments of the Federal Bureau of Investigation are solicited in respect to the advisability of the War Department's disposing of the above mentioned cipher devices in surplus property channels.

Sincerely,

8-15-45
Am
EJC

Clayton Bissell
CLAYTON BISSELL
Major General, GSC
Assistant Chief of Staff, G-2

Honorable J. Edgar Hoover, Director
Federal Bureau of Investigation
Washington 25, D. C.

Regraded UNCLASSIFIED on
10 November 2016
by USAINSCOM FOI/PA
Auth Encl 5, para 1-d, DOD 5200-01-V1

~~CONFIDENTIAL~~